

# CS101

## Introduction to Computing

### Important mcqs

#### Lec 23 - Presentations Development

1. **What is the first step in developing a presentation?**

- a) Research and gather information
- b) Define the objective
- c) Design the presentation
- d) Practice and rehearse

**Answer: b) Define the objective**

2. **What should be included in the outline of a presentation?**

- a) Only the introduction and conclusion
- b) The objective and multimedia elements
- c) The body and conclusion
- d) The introduction, body, and conclusion

**Answer: d) The introduction, body, and conclusion**

3. **Why is it important to keep the design of a presentation simple and consistent?**

- a) To make it look more complex
- b) To avoid distractions and keep the focus on the content
- c) To make it more colorful
- d) To make it more visually appealing

**Answer: b) To avoid distractions and keep the focus on the content**

4. **What types of multimedia elements can be added to a presentation?**

- a) Images, videos, and audio clips
- b) Text and bullet points only
- c) Tables and graphs only
- d) Charts and diagrams only

**Answer: a) Images, videos, and audio clips**

5. **Why is it important to practice and rehearse a presentation?**

- a) To make it longer
- b) To make it shorter
- c) To feel more confident and comfortable delivering the presentation
- d) To skip some sections

**Answer: c) To feel more confident and comfortable delivering the presentation**

**6. What should be tested before delivering a presentation?**

- a) The audience's response
- b) The presenter's voice volume
- c) The equipment
- d) The presenter's attire

**Answer: c) The equipment**

**7. How can the audience be engaged during a presentation?**

- a) By reading the text on the slides
- b) By taking notes
- c) By maintaining eye contact and allowing time for questions and feedback
- d) By leaving the room

**Answer: c) By maintaining eye contact and allowing time for questions and feedback**

**8. What should be included in the conclusion of a presentation?**

- a) A summary of the key points and a call to action
- b) Only the objective
- c) Only the introduction
- d) Only the body

**Answer: a) A summary of the key points and a call to action**

**9. What is the ultimate goal of developing a presentation?**

- a) To entertain the audience
- b) To make the presenter look good
- c) To effectively communicate the intended message to the audience
- d) To make the presentation longer

**Answer: c) To effectively communicate the intended message to the audience**

**10. What is the purpose of adding multimedia elements to a presentation?**

- a) To make it more complex
- b) To make it more colorful
- c) To enhance the presentation and keep the audience engaged
- d) To make the presentation shorter

**Answer: c) To enhance the presentation and keep the audience engaged**

## Lec 24 - Spreadsheet

1. **Which of the following is a popular spreadsheet program?** a) Microsoft Word b) Microsoft Excel c) Adobe Photoshop d) Google Chrome

**Answer: b) Microsoft Excel**

2. **What is a cell in a spreadsheet?** a) A type of data visualization tool b) A rectangular box that holds data in a spreadsheet c) A formula used for calculations in a spreadsheet d) A type of chart used in a spreadsheet

**Answer: b) A rectangular box that holds data in a spreadsheet**

3. **What are the formulas in a spreadsheet?** a) The text used to label cells in a spreadsheet b) The equations used for calculations in a spreadsheet c) The colors used to format cells in a spreadsheet d) The symbols used to represent data in a spreadsheet

**Answer: b) The equations used for calculations in a spreadsheet**

4. **What is a row in a spreadsheet?** a) A vertical line of cells in a spreadsheet b) A horizontal line of cells in a spreadsheet c) A chart used for data visualization in a spreadsheet d) A formula used for calculations in a spreadsheet

**Answer: b) A horizontal line of cells in a spreadsheet**

5. **How can a spreadsheet be used in finance?** a) To create graphic designs b) To track income and expenses c) To play video games d) To write documents

**Answer: b) To track income and expenses**

6. **What is the difference between a row and a column in a spreadsheet?** a) A row is vertical and a column is horizontal b) A row is horizontal and a column is vertical c) A row is used for calculations and a column is used for labels d) A row is used for labels and a column is used for calculations

**Answer: b) A row is horizontal and a column is vertical**

7. **What is the most popular spreadsheet program?** a) Google Sheets b) Adobe Illustrator c) Microsoft Excel d) Apple Numbers

**Answer: c) Microsoft Excel**

8. **What is the purpose of a chart in a spreadsheet?** a) To display data in a visual format b) To add colors to a spreadsheet c) To perform calculations on data d) To store data in a spreadsheet

**Answer: a) To display data in a visual format**

9. **How can multiple users work on the same spreadsheet simultaneously?** a) By printing the spreadsheet and working on it manually b) By sending the spreadsheet via email c) By using collaboration tools such as shared folders or cloud-based software d) By working on different parts of the spreadsheet at different times

**Answer: c) By using collaboration tools such as shared folders or cloud-based software**

10. **What are the limitations of using a spreadsheet?** a) Difficulties in maintaining consistency and potential errors b) Limited ability to perform calculations on data c) Inability to create charts and graphs d) Inability to work with large data sets

**Answer: a) Difficulties in maintaining consistency and potential errors**

## Lec 25 - Database MS Access

1. **What is MS Access?**

- A. A spreadsheet software
- B. A word processing software
- C. A database management system
- D. A presentation software

**Answer: C**

2. **What is a table in MS Access?**

- A. A collection of data organized into rows and columns
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database
- D. A formatted presentation of data from a database

**Answer: A**

3. **What is a query in MS Access?**

- A. A collection of data organized into rows and columns
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database
- D. A formatted presentation of data from a database

**Answer: B**

4. **What is a form in MS Access?**

- A. A collection of data organized into rows and columns
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database
- D. A formatted presentation of data from a database

**Answer: C**

5. **What is a report in MS Access?**

- A. A collection of data organized into rows and columns
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database
- D. A formatted presentation of data from a database

**Answer: D**

6. **What is a primary key in MS Access?**

- A. A field or combination of fields that uniquely identifies each record in a table
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database

D. A formatted presentation of data from a database

**Answer: A**

7. **What is a macro in MS Access?**

- A. A tool used to create tables
- B. A tool used to create forms
- C. A tool used to automate repetitive tasks
- D. A tool used to create reports

**Answer: C**

8. **What is the relationship in MS Access?**

- A. A connection between two tables based on a common field
- B. A request for data that meets specific criteria
- C. A user interface that allows users to input data into a database
- D. A formatted presentation of data from a database

**Answer: A**

9. **What are some of the security features provided by MS Access?**

- A. The ability to set permissions for different database objects
- B. The ability to encrypt data
- C. The ability to create backups of the database
- D. All of the above

**Answer: D**

10. **What is the maximum number of records that can be stored in a single table in MS Access?**

- A. 1,000
- B. 10,000
- C. 100,000
- D. 1 million

**Answer: D**

## Lec 26 - Web Page Development

- 1. What programming language is used to create the structure of a web page?**
  - A) CSS
  - B) HTML
  - C) JavaScript
  - D) PHP**Answer: B) HTML**
- 2. Which of the following is used for web page styling?**
  - A) HTML
  - B) CSS
  - C) JavaScript
  - D) PHP**Answer: B) CSS**
- 3. Which programming language is used to make web pages interactive?**
  - A) HTML
  - B) CSS
  - C) JavaScript
  - D) PHP**Answer: C) JavaScript**
- 4. Which of the following is not a content management system (CMS)?**
  - A) WordPress
  - B) Drupal
  - C) Joomla
  - D) Photoshop**Answer: D) Photoshop**
- 5. What is the purpose of wireframing in web design?**
  - A) To create the final layout of the website
  - B) To create a visual representation of the website's layout and design
  - C) To create the website's functionality
  - D) To manage the website's content**Answer: B) To create a visual representation of the website's layout and design**
- 6. Which of the following is not a security measure commonly used in web development?**
  - A) SSL certificates
  - B) Firewalls
  - C) Secure coding practices

D) DNS servers

**Answer: D) DNS servers**

7. **What is the purpose of search engine optimization (SEO) in web development?**

A) To optimize the website's content and structure to improve its ranking on search engine results in pages

B) To create a visually appealing and user-friendly interface for the user

C) To create interactive elements such as drop-down menus, forms, and animations

D) To manage the website's content

**Answer: A) To optimize the website's content and structure to improve its ranking on search engine results pages**

8. **What is the purpose of responsive design in web development?**

A) To create a visually appealing and user-friendly interface for the user

B) To optimize the website's content and structure to improve its ranking on search engine results in pages

C) To ensure that the website adjusts to the user's screen size, making it easier to read and navigate

D) To manage the website's content

**Answer: C) To ensure that the website adjusts to the user's screen size, making it easier to read and navigate**

9. **What is the purpose of user experience (UX) design in web development?**

A) To create a visually appealing and user-friendly interface for the user

B) To optimize the website's content and structure to improve its ranking on search engine results in pages

C) To ensure that the website adjusts to the user's screen size, making it easier to read and navigate

D) To create interactive elements such as drop-down menus, forms, and animations

**Answer: A) To create a visually appealing and user-friendly interface for the user**

10. **What is the role of web designers in web page development?**

A) To create the website's functionality using programming languages such as HTML, CSS, and JavaScript

B) To optimize the website's content and structure to improve its ranking on search engine results in pages

C) To create and manage the website's content

D) To create the layout, color schemes, and overall appearance of a website

**Answer: D) To create the layout, color schemes, and overall appearance of a website**



## Lec 27 - How google Works

1. **What is the purpose of Google's PageRank system?**

- a) To rank web pages based on the quality of their content
- b) To rank web pages based on the number of times they appear in search results
- c) To rank web pages based on the number and quality of links pointing to them
- d) To rank web pages based on their domain name

**Answer: c) To rank web pages based on the number and quality of links pointing to them**

2. **What is the primary factor that determines a web page's PageRank score?**

- a) The number of links pointing to the page
- b) The quality of the content on the page
- c) The number of words on the page
- d) The number of ads on the page

**Answer: a) The number of links pointing to the page**

3. **What is natural language processing (NLP)?**

- a) A technique for detecting spammy websites
- b) A technique for interpreting human language
- c) A technique for ranking web pages
- d) A technique for creating web pages

**Answer: b) A technique for interpreting human language**

4. **How does Google use machine learning in its search algorithms?**

- a) To detect duplicate content
- b) To interpret user search queries
- c) To rank web pages based on their content
- d) To detect spammy websites

**Answer: b) To interpret user search queries**

5. **What is the purpose of Google's spell-checking algorithm?**

- a) To correct common spelling mistakes in search queries
- b) To detect spammy websites
- c) To identify duplicate content
- d) To rank web pages based on their domain name

**Answer: a) To correct common spelling mistakes in search queries**

6. **How does Google determine the authority of a website?**

- a) By analyzing the number and quality of links pointing to the website
- b) By analyzing the number of ads on the website
- c) By analyzing the length of the domain name
- d) By analyzing the number of social media shares the website has

**Answer: a) By analyzing the number and quality of links pointing to the website**

7. **How does Google handle duplicate content on the internet?**
- a) By giving preference to the original source of the content
  - b) By penalizing all websites with duplicate content
  - c) By ignoring duplicate content and only ranking the original source
  - d) By creating a separate index for duplicate content

**Answer: a) By giving preference to the original source of the content**

8. **How does Google handle spammy websites?**
- a) By manually reviewing each website for spammy content
  - b) By using algorithms to detect and penalize spammy websites
  - c) By ignoring spammy websites and only ranking high-quality websites
  - d) By creating a separate index for spammy websites

**Answer: b) By using algorithms to detect and penalize spammy websites**

9. **How does Google determine the relevance of a web page to a particular search query?**
- a) By analyzing the words on the page
  - b) By analyzing the overall authority of the website
  - c) By analyzing the number and quality of other websites that link to the page
  - d) All of the above

**Answer: d) All of the above**

10. **How does Google handle complex search queries with multiple possible meanings?**
- a) By ranking the most popular meaning of the search query
  - b) By ignoring complex search queries
  - c) By using natural language processing algorithms to interpret the meaning of the search query in context
  - d) By manually reviewing each complex search query

**Answer: c) By using natural language processing algorithms to interpret the meaning of the search query in context.**

## Lec 28 - Try Searching on Google

### 1. What is Google?

- a. A social media platform
- b. A search engine
- c. An email service
- d. A word processing software

**Solution: b. A search engine**

### 2. What is the primary purpose of Google's search algorithms?

- a. To provide the most relevant results for a query
- b. To create advertisements
- c. To rank web pages based on their popularity
- d. To censor certain types of content

**Solution: a. To provide the most relevant results for a query**

### 3. What is the benefit of using Google to find information quickly?

- a. It saves time
- b. It improves concentration
- c. It provides a more comprehensive understanding of the information
- d. It makes you look more intelligent

**Solution: a. It saves time**

### 4. How can Google help computer scientists stay up-to-date with the latest trends and developments in their field?

- a. By providing access to exclusive research articles
- b. By providing a platform for academic discussions
- c. By allowing for easy access to news articles and blog posts
- d. Providing access to online courses

**Solution: c. By allowing for easy access to news articles and blog posts**

### 5. How does Google ensure the quality and relevance of the information it provides?

- a. By ranking web pages based on their popularity
- b. By censoring certain types of content
- c. By using a combination of keyword analysis, page ranking, and machine learning
- d. By allowing users to vote on the quality of the information

**Solution: c. By using a combination of keyword analysis, page ranking, and machine learning**

### 6. Can Google be used for collaboration among computer scientists?

- a. Yes, by providing a platform for virtual meetings
- b. Yes, by allowing users to share information and ideas
- c. No, Google is only for individual use
- d. No, Google is not designed for collaboration

**Solution: b. Yes, by allowing users to share information and ideas**

7. **What is the benefit of using Google to solve problems quickly?**
- a. It allows for more creative solutions
  - b. It provides a more comprehensive understanding of the problem
  - c. It helps build concentration skills
  - d. It makes you look more intelligent

**Solution: a. It allows for more creative solutions**

8. **What are some of the benefits of searching on Google?**
- a. Fast and accurate results
  - b. Staying up-to-date with the latest trends and developments in a field
  - c. Solving problems efficiently
  - d. All of the above

**Solution: d. All of the above**

9. **How has Google revolutionized the way we access information?**
- a. By providing access to exclusive information
  - b. By making information more difficult to access
  - c. By providing a powerful tool for finding information quickly and easily on the internet
  - d. By requiring a fee to access information

**Solution: c. By providing a powerful tool for finding information quickly and easily on the internet**

10. **What makes Google an indispensable tool in the world of computer science?**
- a. Its powerful search algorithms
  - b. Its vast index of web pages
  - c. Its ability to provide fast and accurate results
  - d. All of the above

**Solution: d. All of the above**

## Lec 29 - Use of Microphone

1. **What is the primary function of a microphone in computer science?**

- a) To display images on the computer screen
- b) To capture sound and convert it into digital signals
- c) To scan documents and convert them into digital format

**Answer: b) To capture sound and convert it into digital signals**

2. **Which type of microphone is most commonly used in music recording?**

- a) Dynamic microphone
- b) Condenser microphone
- c) Ribbon microphone

**Answer: b) Condenser microphone**

3. **What is the purpose of noise-canceling technology in teleconferencing and video conferencing applications?**

- a) To amplify background noise
- b) To filter out background noise
- c) To distort the sound quality

**Answer: b) To filter out background noise**

4. **What is speech recognition?**

- a) A technology that allows computers to interpret spoken language and convert it into text or other commands
- b) A technology that allows computers to interpret body language and gestures
- c) A technology that allows computers to interpret written language and convert it into speech

**Answer: a) A technology that allows computers to interpret spoken language and convert it into text or other commands**

5. **What is voice control technology?**

- a) A technology that allows computers to control a user's voice
- b) A technology that allows users to interact with devices using spoken commands
- c) A technology that allows computers to detect the presence of a user's voice

**Answer: b) A technology that allows users to interact with devices using spoken commands**

6. **Which of the following is a scientific application of microphones?**

- a) Sending text messages
- b) Recording music
- c) Environmental monitoring

**Answer: c) Environmental monitoring**

7. **Why is microphone quality necessary in speech recognition and voice control applications?**

- a) Because it can impact the accuracy and reliability of the technology
- b) Because it can impact the color and design of the technology
- c) Because it can impact the speed and memory of the technology

**Answer: a) Because it can impact the accuracy and reliability of the technology**

8. **Which type of microphone is best suited for capturing the sound of a guitar amplifier?**

- a) Dynamic microphone
- b) Condenser microphone
- c) Ribbon microphone

**Answer: a) Dynamic microphone**

9. **What is the purpose of acoustic imaging?**

- a) To capture and analyze sound waves in order to gain insights into various phenomena
- b) To capture and analyze visual images in order to gain insights into various phenomena
- c) To capture and analyze written text in order to gain insights into various phenomena

**Answer: a) To capture and analyze sound waves in order to gain insights into various phenomena**

10. **How will microphones impact the future of computer science?**

- a) They will become less important as technology advances
- b) They will play a critical role in the development of new technologies such as virtual and augmented reality
- c) They will become obsolete and be replaced by other technologies

**Answer: b) They will play a critical role in the development of new technologies such as virtual and augmented reality.**

## Lec 30 - Use of Microphone

1. **Which of the following is the primary use of microphones in computer science?**
- a) Video editing
  - b) Speech recognition
  - c) Graphic design
  - d) Coding

**Answer: b) Speech recognition**

2. **What is the name of the technology that allows users to interact with devices using spoken commands?**
- a) Voice recognition
  - b) Speech recognition
  - c) Voice control
  - d) Sound analysis

**Answer: c) Voice control**

3. **Which type of microphone is commonly used in music recording due to its ability to capture sound details?**
- a) Dynamic microphone
  - b) Condenser microphone
  - c) Ribbon microphone
  - d) Carbon microphone

**Answer: b) Condenser microphone**

4. **What is acoustic imaging?**
- a) A technique that captures and analyzes sound waves to gain insights into various phenomena
  - b) A technique that captures and analyzes light waves to gain insights into various phenomena
  - c) A technique that captures and analyzes radio waves to gain insights into various phenomena
  - d) A technique that captures and analyzes magnetic waves to gain insights into various phenomena

**Answer: a) A technique that captures and analyzes sound waves to gain insights into various phenomena**

5. **How does the microphone impact the overall sound quality of a recording in music production?**
- a) Microphones have no impact on sound quality
  - b) Microphones have a small impact on sound quality
  - c) Microphones have a significant impact on sound quality
  - d) Microphones have a negligible impact on sound quality

**Answer: c) Microphones have a significant impact on sound quality**

6. **What is the purpose of noise-canceling technology in microphones?**
- a) To add background noise to improve overall sound quality

- b) To filter out background noise to improve overall sound quality
- c) To amplify background noise to improve overall sound quality
- d) To distort background noise to improve overall sound quality

**Answer: b) To filter out background noise to improve overall sound quality**

**7. What is the role of microphones in teleconferencing and video conferencing applications?**

- a) To capture the sound of participants' voices
- b) To capture the sound of the environment
- c) To capture the sound of music
- d) To capture the sound of animals

**Answer: a) To capture the sound of participants' voices**

**8. What is the significance of choosing the right microphone in speech recognition and voice control applications?**

- a) The accuracy and reliability of the technology depend on the quality of the microphone
- b) The accuracy and reliability of the technology do not depend on the quality of the microphone
- c) The accuracy and reliability of the technology depend on the color of the microphone
- d) The accuracy and reliability of the technology depend on the price of the microphone

**Answer: a) The accuracy and reliability of the technology depend on the quality of the microphone**

**9. What is the significance of microphones in environmental monitoring?**

- a) To capture the sound of the environment
- b) To capture the sound of music
- c) To capture the sound of participants' voices
- d) To capture the sound of animals

**Answer: d) To capture the sound of animals**

**10. What is the role of microphones in virtual and augmented reality applications?**

- a) To capture the sound of participants' voices
- b) To capture the sound of the environment
- c) To capture the sound of music
- d) To capture the sound of animals

**Answer: b) To capture the sound of the environment**



## Lec 31 - Flip a Coin

1. **What is the probability of getting tails on a fair coin flip?**

- a) 0%
- b) 50%
- c) 100%
- d) None of the above

**Answer: b) 50%**

2. **What is the purpose of using a coin flip in computer science?**

- a) To generate random numbers
- b) To ensure fairness in games and simulations
- c) To study probability and statistics
- d) All of the above

**Answer: d) All of the above**

3. **What is the Monty Hall problem?**

- a) A problem involving flipping a coin multiple times
- b) A problem involving choosing between three doors and a prize
- c) A problem involving generating random numbers
- d) None of the above

**Answer: b) A problem involving choosing between three doors and a prize**

4. **How can a coin flip be used to generate random numbers?**

- a) By assigning heads to 0 and tails to 1
- b) By flipping the coin a number of times to generate a binary string
- c) By converting the binary string to a decimal number
- d) All of the above

**Answer: d) All of the above**

5. **What is the probability of getting three heads in a row on a fair coin flip?**

- a)  $1/8$  or 12.5%
- b)  $1/4$  or 25%
- c)  $1/2$  or 50%
- d) 1 or 100%

**Answer: a)  $1/8$  or 12.5%**

6. **How is a coin flip used in simulations?**

- a) To generate random numbers
- b) To ensure fairness
- c) To introduce random events

d) None of the above

**Answer: c) To introduce random events**

7. **What is the probability of getting heads and tails on two consecutive coin flips?**

a) 0%

b) 25%

c) 50%

d) 75%

**Answer: b) 25%**

8. **How can a coin flip be used in cryptography?**

a) To generate random numbers

b) To ensure security

c) To study probability and statistics

d) None of the above

**Answer: a) To generate random numbers**

9. **How is the Monty Hall problem solved using coin flips?**

a) By assigning heads to the winning door

b) By flipping a coin to decide which door to choose

c) By flipping a coin to demonstrate that switching doors increase the probability of winning

d) None of the above

**Answer: c) By flipping a coin to demonstrate that switching doors increases the probability of winning**

10. **How can coin flips be used to study probability and statistics?**

a) By flipping a coin multiple times and keeping track of the results

b) By assigning heads to 1 and tails to 0

c) By using a computer to simulate coin flips

d) None of the above

**Answer: a) By flipping a coin multiple times and keeping track of the results**

## Lec 32 - Search Engines

1. **What is a search engine?**

- A) A website that sells products
- B) A software program that searches the internet for content
- C) A social media platform
- D) An email service provider

**Answer: B**

2. **Which search engine is the most popular in the world?**

- A) Bing
- B) Yahoo
- C) Google
- D) DuckDuckGo

**Answer: C**

3. **What do search engines use to determine the relevance of a web page?**

- A) The number of images on the page
- B) The number of videos on the page
- C) The quality of links pointing to the page
- D) The length of the page's URL

**Answer: C**

4. **What is search engine optimization?**

- A) The process of improving a website's search engine ranking
- B) The process of creating a search engine
- C) The process of manipulating search engine results
- D) The process of advertising on search engines

**Answer: A**

5. **How do search engines make money?**

- A) By charging users to access search results
- B) By selling user data to third-party companies
- C) By displaying advertisements alongside search results
- D) By charging websites to appear in search results

**Answer: C**

6. **What is a meta search engine?**

- A) A search engine that only searches for images
- B) A search engine that searches other search engines
- C) A search engine meta-search that only searches for videos

D) A search engine that only searches for news articles

**Answer: B**

7. **What is search engine manipulation?**

A) The process of improving a website's search engine ranking

B) The process of creating a search engine

C) The process of manipulating search engine results to promote false or misleading information

D) The process of advertising on search engines

**Answer: C**

8. **What are some downsides of search engines?**

A) They can be manipulated to promote false or misleading information

B) They can generate irrelevant or low-quality results

C) They can be used to invade user privacy

D) All of the above

**Answer: D**

9. **How do search engines protect user privacy?**

A) By encrypting searches

B) By using secure connections

C) By not storing user search history

D) All of the above

**Answer: D**

10. **How have search engines changed the way we access information?**

A) They have made it easier to access vast amounts of information

B) They have made it more difficult to find accurate information

C) They have made it easier to connect with others

D) They have made it more difficult to stay informed about the world around us

**Answer: A**

## Lec 33 - Search Operators

1. **Which search operator is used to exclude specific terms from the search results?**

- a) minus sign
- b) asterisk
- c) site operator
- d) quotation marks

**Answer: a) minus sign**

2. **What is the use of the asterisk in search operators?**

- a) to search for an exact phrase or set of words
- b) to exclude specific terms from the search results
- c) to match any word or phrase in a search query
- d) to search within a specific website or domain

**Answer: c) to match any word or phrase in a search query**

3. **Which search operator is used to search within a specific website or domain?**

- a) minus sign
- b) asterisk
- c) site operator
- d) quotation marks

**Answer: c) site operator**

4. **What is the use of the file type operator in search operators?**

- a) to search for an exact phrase or set of words
- b) to exclude specific terms from the search results
- c) to search within a specific website or domain
- d) to search for specific file types

**Answer: d) to search for specific file types**

5. **Which search operator is used to search for pages that are related to a specific website?**

- a) minus sign
- b) asterisk
- c) related operator
- d) quotation marks

**Answer: c) related operator**

6. **What is the use of the intext operator in search operators?**

- a) to search for an exact phrase or set of words
- b) to exclude specific terms from the search results
- c) to search within a specific website or domain

d) to search for specific words or phrases within the body text of a web page

**Answer: d) to search for specific words or phrases within the body text of a web page**

7. **Which search operator is used to search for a specific phrase or set of words?**

- a) minus sign
- b) asterisk
- c) site operator
- d) quotation marks

**Answer: d) quotation marks**

8. **Can search operators be used in any search engine?**

- a) Yes, search operators can be used in any search engine.
- b) No, search operators can only be used in Google.
- c) No, search operators can only be used in Bing.
- d) No, search operators can only be used in Yahoo.

**Answer: a) Yes, search operators can be used in any search engine.**

9. **What is the purpose of using search operators?**

- a) To retrieve more relevant search results and exclude irrelevant results.
- b) To make the search query longer.
- c) To increase the number of search results.
- d) To search for any type of information without any limitation.

**Answer: a) To retrieve more relevant search results and exclude irrelevant results.**

10. **Which search operator is used to search for an exact phrase or set of words without including synonyms?**

- a) minus sign
- b) tilde (~)
- c) site operator
- d) quotation marks

**Answer: d) quotation marks**

## Lec 34 - Advanced Search Operators

1. What is the Advanced Search Operator for searching for an exact phrase?

- a. +word
- b. "word"
- c. -word
- d. ~word

**Answer: b. "word"**

2. Which Advanced Search Operator allows you to search for pages containing one term but not another?

- a. AND
- b. OR
- c. NOT
- d. XOR

**Answer: c. NOT**

3. What is the Advanced Search Operator for searching for a specific file type?

- a. file:
- b. type:
- c. filetype:
- d. ext:

**Answer: c. filetype:**

4. Which Advanced Search Operator helps you to find pages that link to a specific URL?

- a. link:
- b. url:
- c. backlink:
- d. ref:

**Answer: a. link:**

5. What is the Advanced Search Operator for searching for pages that contain a number range?

- a. num range:
- b. range:
- c. number:
- d. num:

**Answer: d. num:**

6. Which Advanced Search Operator can help you to search for pages that were updated within a specific time frame?

- a. date:
- b. time:
- c. update:
- d. newer:

**Answer: a. date:**

7. What is the Advanced Search Operator for searching for pages that contain a specific word in the title?

- a. in:title
- b. title:
- c. intitle:
- d. head:

**Answer: c. intitle:**

8. Which Advanced Search Operator can help you to find pages that have a specific word in the URL?

- a. in:url
- b. url:
- c. intext:
- d. path:

**Answer: a. in url**

9. What is the Advanced Search Operator for searching for pages that contain a specific word in the body text?

- a. inbody:
- b. body:
- c. intext:
- d. text:

**Answer: c. intext:**

10. Which Advanced Search Operator can help you to find pages that are related to a specific website?

- a. related:
- b. site:
- c. similar:
- d. like:

**Answer: a. related:**



## Lec 35 - What we should not Search on internet

1. **What is the potential consequence of searching for illegal content on the internet?**

- a) It can lead to a fine
- b) It can lead to severe legal consequences and imprisonment
- c) It is legal to search for illegal content on the internet

**Answer: b) It can lead to severe legal consequences and imprisonment**

2. **Why should we avoid searching for extreme and graphic content on the internet?**

- a) It can have a positive impact on our mental health
- b) It can have negative impacts on our mental health
- c) It can make us more empathetic toward others

**Answer: b) It can have negative impacts on our mental health**

3. **Is the internet a reliable source of medical advice?**

- a) Yes, it is always reliable
- b) No, it is not a reliable source of medical advice
- c) It depends on the website we search for

**Answer: b) No, it is not a reliable source of medical advice**

4. **What is the potential risk of sharing personal information on the internet?**

- a) It can lead to receiving spam emails
- b) It can lead to identity theft and other fraudulent activities
- c) It is safe to share personal information online

**Answer: b) It can lead to identity theft and other fraudulent activities**

5. **What can happen if we rely on internet research to self-diagnose and self-medicate?**

- a) It can lead to correct diagnosis and treatment
- b) It can lead to serious health complications and unnecessary panic and anxiety
- c) It can have no impact on our health

**Answer: b) It can lead to serious health complications and unnecessary panic and anxiety**

6. **What is the potential consequence of spending too much time on the internet?**

- a) It can have a positive impact on our social life
- b) It can lead to social isolation and negative impacts on our mental health
- c) It can make us more productive

**Answer: b) It can lead to social isolation and negative impacts on our mental health**

7. **Why should we avoid searching for instructions on how to create a bomb or other illegal activities?**

- a) It is legal to search for such content on the internet
- b) It can lead to serious legal repercussions
- c) It can increase our knowledge

**Answer: b) It can lead to serious legal repercussions**

8. **Can search for illegal content on the internet impact our personal and professional life?**

- a) Yes, it can lead to social stigma and affect our personal and professional life
- b) No, it has no impact on our personal and professional life
- c) It depends on the type of illegal content we search for

**Answer: a) Yes, it can lead to social stigma and affect our personal and professional life**

9. **Should we rely on the internet for professional advice?**

- a) Yes, it is always reliable
- b) No, it is important to seek professional advice from qualified individuals in the respective field
- c) It depends on the website we search for

**Answer: b) No, it is important to seek professional advice from qualified individuals in the respective field**

10. **Is it necessary to maintain a healthy balance between online and offline life?**

- a) No, it is not necessary
- b) Yes, it is necessary to avoid social isolation and negative impacts on our mental health
- c) It depends on the individual

**Answer: b) Yes, it is necessary to avoid social isolation and negative impacts on our mental health**

## Lec 36 - Roots of Computing

1. **Who is considered the father of modern computing?**

- a. Charles Babbage
- b. Alan Turing
- c. Tim Berners-Lee
- d. John Mauchly

**Answer: b. Alan Turing**

2. **What was the first computer program?**

- a. Algorithm for calculating Bernoulli numbers
- b. Algorithm for playing chess
- c. Algorithm for searching the internet
- d. Algorithm for solving quadratic equations

**Answer: a. Algorithm for calculating Bernoulli numbers**

3. **What was the name of the first electronic computer?**

- a. UNIVAC
- b. ENIAC
- c. IBM 701
- d. EDVAC

**Answer: b. ENIAC**

4. **Who invented the first mechanical calculator?**

- a. Ada Lovelace
- b. Charles Babbage
- c. Blaise Pascal
- d. John Napier

**Answer: c. Blaise Pascal**

5. **What is the significance of the invention of the transistor in computing history?**

- a. It paved the way for the development of smaller and more efficient electronic devices
- b. It led to the invention of the first computer
- c. It enabled the development of the World Wide Web
- d. It allowed computers to connect to the internet

**Answer: a. It paved the way for the development of smaller and more efficient electronic devices**

6. **What is the difference between a computer and a calculator?**

- a. Computers are more powerful than calculators
- b. Calculators are more specialized than computers

- c. Computers use vacuum tubes instead of transistors
- d. Calculators are easier to use than computers

**Answer: b. Calculators are more specialized than computers**

7. **Who invented the World Wide Web?**

- a. Tim Berners-Lee
- b. Bill Gates
- c. Steve Jobs
- d. Mark Zuckerberg

**Answer: a. Tim Berners-Lee**

8. **What is the significance of Moore's Law in computing history?**

- a. It predicts that the number of transistors on a microchip doubles every two years
- b. It predicts that computers will become obsolete within five years of their manufacture
- c. It predicts that computers will never become smaller than a certain size
- d. It predicts that the internet will continue to grow exponentially

**Answer: a. It predicts that the number of transistors on a microchip doubles every two years**

9. **What is the difference between software and hardware?**

- a. Software refers to the physical components of a computer, while hardware refers to the programs that run on it
- b. Hardware refers to the physical components of a computer, while software refers to the programs and instructions that run on it
- c. Software refers to the programs and instructions that run on a computer, while hardware refers to the data stored on it
- d. Hardware refers to the data stored on a computer, while software refers to the physical components of it

**Answer: b. Hardware refers to the physical components of a computer, while software refers to the programs and instructions that run on it**

10. **What is the significance of the invention of the GUI in computing history?**

- a. It made computers more powerful than ever before
- b. It made it easier and more intuitive to use computers
- c. It made it possible to connect computers to the internet
- d. It made it possible to send emails from computers

**Answer: b. It made it easier and more intuitive to use computers**

