8 Lecture - CS201

Important Mcqs

1. What is a switch statement?

- A) A type of conditional statement
- B) A type of loop statement
- C) A type of function definition
- D) A type of data type

Answer: A

2. What is the purpose of a switch statement?

- A) To compare two variables
- B) To execute different code blocks based on a match
- C) To loop through a series of values
- D) To define a function

Answer: B

- 3. Which keyword is used to define a switch statement in Java?
 - A) for
 - B) while
 - C) switch
 - D) do

Answer: C

4. Which of the following is true about switch statements?

- A) It can have multiple default cases
- B) It can only have one case
- C) It can only have one default case
- D) It cannot have a default case

Answer: C

5. What happens if no case matches in a switch statement?

- A) The program crashes
- B) The default case is executed
- C) The program skips the switch statement
- D) An error is thrown

Answer: B

- 6. Which of the following data types can be used in a switch statement in C++?
 - A) char
 - B) float

- C) double
- D) bool

Answer: A

- 7. Can a switch statement be used with strings in Java?
 - A) Yes
 - B) No

Answer: A

- 8. Which keyword is used to exit a switch statement in Java?
 - A) break
 - B) continue
 - C) exit
 - D) return

Answer: A

- 9. Which of the following is an advantage of using switch statements?
 - A) It makes the code more complex
 - B) It is slower than if-else statements
 - C) It makes the code easier to read
 - D) It cannot handle multiple cases

Answer: C

- 10. Which of the following is a common use case for switch statements?
 - A) To sort data in ascending order
 - B) To implement a recursive function
 - C) To validate user input
 - D) To create an infinite loop

Answer: C