

# 26 Lecture - CS101

## Important Subjective

- 1. What is the purpose of web design in web page development?**  
**Answer:** The purpose of web design is to create a visually appealing and user-friendly interface for the user.
- 2. What programming languages are commonly used in web development?**  
**Answer:** HTML, CSS, and JavaScript are commonly used in web development.
- 3. What is the importance of user experience (UX) in web development?**  
**Answer:** UX design focuses on creating a positive experience for the user, making the website easy to navigate, and ensuring that the content is accessible and understandable.
- 4. What is a content management system (CMS) in web development?**  
**Answer:** A content management system is a tool used for web content management, which includes creating and updating text, images, and multimedia content.
- 5. Why is it important to design websites that are responsive and mobile-friendly?**  
**Answer:** With the rise of mobile devices, it is essential to design websites that are optimized for different screen sizes and resolutions.
- 6. What is search engine optimization (SEO) in web development?**  
**Answer:** SEO involves optimizing the website's content and structure to improve its ranking on search engine results pages.
- 7. What security measures are commonly used in web development?**  
**Answer:** SSL certificates, firewalls, and secure coding practices are commonly used security measures in web development.
- 8. What is the purpose of a wireframe in web design?**  
**Answer:** The purpose of a wireframe is to create a visual representation of the website's layout and design.

9. **What is a responsive design in web development?**

**Answer:** Responsive design ensures that the website adjusts to the user's screen size, making it easier to read and navigate.

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

**Answer:** Web developers are responsible for creating the website's functionality using programming languages such as HTML, CSS, and JavaScript.