



University of Colombo School of Computing
SCS 1312 - Internet and Web Technologies

Lab Sheet

Answer for the all questions in word file

1. What is a web application, and how does it function?
2. What is the difference between a website and a web application?
3. How do the architectures of websites and web applications differ?
4. What are the common technologies used to develop web applications?
5. What developer tools are used in web app development?
6. What is the difference between client-side and server-side scripting?
7. What is authentication in a web application?
8. What is the role of an API in a web application?
9. What are the main steps in developing a web application?
10. What are common IDEs and version control systems used by web developers?
11. What are examples of frameworks used to build web applications?
12. What frameworks or CMSs are commonly used for websites?
13. What is frontend development, and what does it include?
14. What is backend development, and why is it important?
15. How do websites handle scalability?
16. How is security managed in web applications?
17. What is a database management system (DBMS)?

18. What are RESTful APIs and why are they used in web applications?
19. What are some common web security practices?
20. What is responsive web design?
21. How are updates and maintenance handled in website?
22. Can a website become a web application?
23. Which one is more SEO-friendly?
24. Which one uses client-side rendering and server-side rendering?
25. How do websites and web applications handle third-party integration differently?