

Medium Basic

1. What is JavaScript?

Answer: JavaScript is a programming language used in websites.

2. Is JavaScript frontend or backend?

Answer: JavaScript is used in both frontend and backend.

3. What is a variable?

Answer: A variable stores data.

4. How do you declare a variable?

Answer: Using `var`, `let`, or `const`.

5. What is an array?

Answer: A list of values.

6. What is an object?

Answer: A collection of key-value pairs.

7. What is a function?

Answer: A block of code that does a task.

8. What is `console.log()`?

Answer: It prints output in the browser console.

9. What is a loop?

Answer: Used to repeat code.

10. What is `if-else`?

Answer: Used for decision making.

◆ **React (Ultra Basic)**

11. What is React used for?

Answer: To build user interfaces.

12. Is React a framework?

Answer: No, it is a library.

13. What is a React component?

Answer: A small reusable UI part.

14. What is JSX?

Answer: HTML written inside JavaScript.

15. What is a button click event?

Answer: An action when a button is clicked.

16. What is state?

Answer: Data that can change.

17. What are props?

Answer: Data passed to a component.

18. Can props be changed?

Answer: No, props are read-only.

19. What is useState?

Answer: A hook to store data.

20. What is a React app?

Answer: A web app built using React.

- ◆ **Node.js & Express (Ultra Basic)**

21. What is Node.js?

Answer: It runs JavaScript on the server.

22. Can Node.js run in browser?

Answer: No.

23. What is Express?

Answer: A backend framework for Node.js.

24. Why use Express?

Answer: To create APIs easily.

25. What is a server?

Answer: A computer that responds to requests.

26. What is an API?

Answer: A way to communicate between frontend and backend.

27. What is a route?

Answer: A URL path.

28. What is GET method?

Answer: Used to get data.

29. What is POST method?

Answer: Used to send data.

30. What is JSON?

Answer: A data format.

◆ MongoDB & Database (Ultra Basic)

31. What is a database?

Answer: A place to store data.

32. What is MongoDB?

Answer: A NoSQL database.

33. Is MongoDB table-based?

Answer: No, it uses collections.

34. What is a document?

Answer: A single record in MongoDB.

35. What is a collection?

Answer: A group of documents.

36. What is Mongoose?

Answer: A MongoDB helper library.

37. What is CRUD?

Answer: Create, Read, Update, Delete.

38. What is `find()`?

Answer: Used to get data.

39. What is `_id`?

Answer: Unique ID of a document.

40. Where is MongoDB data stored?

Answer: On the server.

◆ MERN Stack Basics

41. What does MERN stand for?

Answer: MongoDB, Express, React, Node.

42. Which one is frontend in MERN?

Answer: React.

43. Which one is backend in MERN?

Answer: Node and Express.

44. Which one is database?

Answer: MongoDB.

45. How does frontend talk to backend?

Answer: Using API calls.

46. What is Axios?

Answer: A library for API requests.

47. What is localhost?

Answer: Your own computer.

48. What is port number?

Answer: A communication endpoint.

49. What is .env file?

Answer: Stores secret values.

50. Why learn MERN stack?

Answer: To build full-stack web applications.