100 Frontend Full-Stack Interviews

🧩 1. HTML Basics & Advanced (1–20)

1. What is HTML and why is it important for web development?

2. Difference between HTML and XHTML.

3. Difference between <div> and <span>.

4. Difference between semantic and non-semantic HTML tags.

5. What are block-level and inline elements?

6. Difference between <section>, <article>, <div>, and <main>.

7. Difference between <strong> and <b> tags.

8. Difference between <em> and <i> tags.

9. Difference between <ul>, <ol>, and <dl>.

10. What are data-* attributes and why are they used?

11. Difference between id and class.

12. Difference between meta tags and their purpose.

13. Difference between <link> and <style> for CSS inclusion.

14. Difference between <script> in head vs body.

15. What are the differences between localStorage, sessionStorage, and cookies?

16. Difference between <a> tag with href="#" vs JavaScript click.

17. Difference between <iframe> and embedding content dynamically.

18. Difference between HTML5 forms and legacy HTML forms.

19. What is the difference between required, readonly, and disabled inputs?

20. Difference between <canvas> and <svg> for graphics.

⚡ 2. CSS & Styling (21–40)

21. Difference between inline, internal, and external CSS.

22. Difference between relative, absolute, fixed, and sticky positioning.

23. Difference between em, rem, %, and px.

24. Difference between CSS Grid and Flexbox.

25. Difference between inline-block and block.

26. Difference between visibility:hidden and display:none.

27. Difference between position: absolute and position: fixed.

28. Difference between z-index and stacking context.

29. Difference between pseudo-classes and pseudo-elements.

30. Difference between min-width, max-width, and width.

31. Difference between relative, static, and absolute positioning.

32. Difference between overflow: hidden, scroll, and auto.

33. Difference between CSS transitions and animations.

34. Difference between vh/vw and % units.

35. Difference between CSS selectors: .class, #id, element, [attribute].

36. Difference between rem and em.

37. Difference between inline styles and classes in terms of specificity.

38. Difference between responsive design and adaptive design.

39. Difference between float and flex layout.

40. Difference between position: sticky and fixed.

3. JavaScript Basics & Core Concepts (41–60)

41. Difference between var, let, and const.

42. Difference between == and ===.

43. Difference between null and undefined.

44. Difference between let and function-scoped var.

45. Difference between primitive and reference types.

46. Difference between shallow copy and deep copy.

47. Difference between synchronous and asynchronous code.

48. Difference between call, apply, and bind.

49. Difference between function declaration and function expression.

50. Difference between arrow functions and normal functions.

51. Difference between this in arrow functions vs normal functions.

52. Difference between for...in and for...of.

53. Difference between map, forEach, and filter.

54. Difference between setTimeout and setInterval.

55. Difference between event bubbling and event capturing.

56. Difference between localStorage, sessionStorage, and cookies in JS.

57. Difference between synchronous loops and asynchronous loops.

58. Difference between NaN, Infinity, and undefined.

59. Difference between microtasks and macrotasks in the event loop.

60. Difference between promise chaining and async/await.

🪝 4. React & Hooks (61–85)

61. Difference between React and other frontend frameworks.

62. Difference between React component and React element.

63. Difference between functional and class components.

64. Difference between props and state.

65. Difference between controlled and uncontrolled components.

66. Difference between lifting state up and context API.

67. Difference between useState and useReducer.

68. Difference between useEffect with empty dependency, no dependency, and specific dependency.

69. Difference between useRef and useState.

70. Difference between useRef for DOM access vs storing mutable values.

71. Difference between useContext and prop drilling.

72. Difference between custom hooks and built-in hooks.

73. Difference between programmatic navigation (useNavigate) and Link.

74. Difference between synthetic events and native events.

75. Difference between key prop in lists and index usage.

76. Difference between short-circuit && and ternary operator rendering.

77. Difference between rendering null vs false.

78. Difference between storing JSX in variable vs rendering inline.

79. Difference between React.Fragment and div wrapper.

80. Difference between React.StrictMode and normal mode.

81. Difference between defaultProps and propTypes.

82. Difference between context provider and consumer.

83. Difference between useEffect cleanup and unmounting.

84. Difference between React.lazy and dynamic import.

85. Difference between memoization and caching in React.

📝 5. Forms & Event Handling (86–95)

86. Difference between controlled and uncontrolled forms.

87. Difference between handling single vs multiple form inputs.

88. Difference between synthetic events and native events.

89. Difference between inline event handlers and bound functions.

90. Difference between event bubbling and event delegation in React.

91. Difference between preventDefault and stopPropagation.

92. Difference between handling keyboard events vs mouse events.

93. Difference between onChange and onInput in React.

94. Difference between managing form state locally vs globally.

95. Difference between Formik/React Hook Form and plain HTML forms.

🌐 6. Routing & Navigation (96–100)

96. What is BrowserRouter and how is it different from HashRouter?

97. Difference between Routes and Route in React Router v6.

98. Difference between Link and NavLink.

99. Difference between programmatic navigation using useNavigate vs Link.

100.   Difference between nested routes and dynamic routes in React Router.