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// HTML
1 Is HTML a programming language ?
2 What do you mean by Markup language ?
3 Why do we use code editors ?
4 Who is responsible for compiling HTML code into Machine code ?
5 What is the usage of <!DOCTYPE html> ?
6 Differentiate div and span.
7 What is the default width of a div ?
8 What are attributes ?
9 What is Absolute URL ?
10 What is Relative URL ?
11 State different HTML elements that you have used till now ?
12 Which HTML element is root of HTML document ?
13 How do we add comments in a .html file ?
14 For an anchor element differentiate between target="_self" and target="_blank" ?

15 How can we take user from one page to other on clicking on an image ?
16 With which HTML element do we use alt attribute and what is it's importance ?
17 What is difference between <th> and <td> ?
18 Difference between <ul> and <ol> ?
19 What do you mean by meta elements ?
20 What are semantic elements and practical importance?
21 What is UTF-8 ?
22 What is bubbling effect ?
23 HTML element for line break ?
24 Which HTML element do we use for creating drop down lists ?
25 Difference between input and textarea ?
26 How can we show default text inside <input> element on page load ?
27 Explain layout of HTML.
28 What are empty elements ?
29 Can we implement button functionality without using <button> ?
30 How do we group a set of checkboxes together

// CSS
31 What is CSS
32 List Ways to Insert CSS in HTML
33 How can we add comments in CSS
34 What is Opacity
35 Effects of opacity on background-color on text inside
36 Syntax for adding background image
37 Syntax for adding border
38 Difference between margin vs padding
39 What is universal selector
40 What is the default height and width of a div containing some text
41 What is Responsive design
42 What is CSS Box Model
43 What is Outline
44 List some CSS Text and Font related properties
45 For the anchor tag, what is difference between a:visited vs a:active
46 For the div, what is the default value for the property display
47 Explain position relative vs absolute
48 What is use of z-index
49 What is overflow
50 What are different Selectors in CSS
51 What is Specificity
52 What is !important
53 What is Flexbox and it's use
54 What is flex-wrap
55 Difference between Flex and Grid
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56 How max-width property is usefull in Responsive design
57 Explain the difference between visibility: hidden and display: none
58 Why do we use CSS frameworks
59 How can we remove default margin and padding added by the browser
60 What are the limitations of CSS
61 What are a CSS Preprocessors
62 Difference between Adaptive design and Responsive design
63 What do you mean by a11y
64 What is Beadcrumb
65 What is Dropdown
66 What is Tooltip
67 What is Modal
68 What is Pagination
69 Compare Grouping and Nesting in CSS
70 What do you understand by cascading

// Javascript
71 Is there any relation between java and javascript
72 Compare innerHTML document.write()
73 Syntax for writing single line comments and multiline comments
74 Why is javascript dynamically typed language
75 Differentiate var let const
76 What are different scopes available in js
77 What are operators? State types of JavaScript Operators
78 What is Operator Precedence and Operator Associativity
79 State Data Types available in js
80 State all the different type of values that will have Truth value as Falsy
81 What are functions
82 What are objects
83 What are events
84 Can we use indexing with string
85 Difference between slice and splice
86 String methods to convert entire string into upper case
87 What is indexOf() method? Can we use it with array or string
88 What is NaN? How can we produce NaN
89 What is use of parseInt()
90 Difference between array.toString() and array.join()
91 what is array.pop()
92 what is array.push()
93 Explain use of .length on array and string
94 How can we use array.sort() to sort in Descending order
95 Difference between forEach and map
96 How array.filter() works
97 How array.some() works
98 Boolean(-1) ?
99 What are conditional statements in js
100 When is it better to use switch over if-else
101 What are loop control statements in js
102 What is use of 'Break' keyword
103 What are Sets? how can we create set from an array
104 What is use of typeOf operator
105 What is Hoisting
106 Use of this keyword
107 What are arrow functions
108 Difference between normal function and arrow function other than syntax
109 What is JSON
110 What is a class
111 What is ES6
112 What is closure

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113 What is Inheritance
114 What are callbacks
115 Difference between synchronous and asynchronous
116 What is Promise
117 What is async/await
118 What are operations that make our program asynchronous
119 What is DOM manipulation
120 Difference between compiled and interpreted language


// React
121 What is React
122 Advantages of using React
123 Why do we use npx while creating a new react project
124 Inside Which HTML element does our React application gets injected
125 Advantages of using JSX
126 What is virtual DOMS
127 What is a Component
128 Functional component vs Class component
129 What is prop drilling
130 Difference between state variable and a normal variable
131 Why we should not be modifying state directly
132 Are state updates synchronous or asynchronous? how ?
133 What is stateful and stateless components
134
135 What is unidirectional data flow
136 What is wrong with the given syntax, onClick={handleClick()}
137 What will happen if we use setState inside the render, without an event handler
138 What is conditional rendering
139 What is significance of keys
140 Compare Controlled vs Uncontrolled Components
141 What is Lifting state up
142 What is inverese data flow
143 Is React a Library or framework? why?
144 What are hooks
145 What are the basic hooks in React
146 Which package provides useState hook?
147 What is componentDidMount()
148 How to utilize useEffect to behave like componentDidMount()
149 What is componentDidUpdate()
150 How to utilize useEffect to behave like componentDidUpdate()
151 What is componentWillUnmount()
152 How to utilize useEffect to behave like componentWillUnmount()
153 What is Context?
154 What is Redux
155 Redux vs Context
156 How can we add styling in React project
157 What are Refs
158 What is React Router
159 Why do we prefer using axios over fetch
160 Explaing Component Lifecycle

161 What is Nodejs
162 Difference between NPM and NPX
163 What is NVM
164 Difference between compiled and interpreted language
165 what is  --save-dev  flag used for
166 Command to list all the packages installed globally
167 Advantages and Applications of using Nodejs
168 What is Express.js
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169 What does unopionated means
170 How can we serve static files in express
171 When should we be using HTTP get? , post? , put? , delete?
172 Is it possible to delete data using get method
173 What is a middleware
174 What is JWT
175 Difference between MongoDB and Mongoose