general web site development questions

- what is a web browser?
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node.js

- what is the difference between dependencies and devDependencies in package.json
- what is the role of package.json in node application?

javascript + html

- what is document object in JS? who creates it?
- what is DOM? where is it used?
- what is map and filter? where are they used?
- how to create an object which is not allowing to update the properties?
- what is object destructuring?
- what is array destructuring?
- what is a responsive website? how can you make a responsive website?
- what is a functional programming language?

express questions

- what is REST? how to implement REST APIs?
- what is Route?

react questions

- what is SPA? what are the advantages over multi-page application?
- what is react? and what are the alternatives to React?
- when to use react and when to choose Angular?
- what is ReactDOM or virtual DOM?
- what is diffing algorithm? where is it used? what is the importance of it?
- what is babel? where is it used? what are benefits of using babel?
- what is react component? what are the types component? when to use them?
- explain react architecture
- what is props? what is state? what are the differences between props and state?
- what is component state? why is it required? how is it maintained in functional component?
- what is react hook? state few react hooks?
- what is nested routing? how to implement nested-routing? why is it required()?
- what is props drilling?
- what is context API?

- what is protected route? how can you implement one?
- explain the component life cycle events
- how to implement the component life cycle events?
- what is conditional rendering? why is it required?
- what is redux? why is it required?
- what are the differences between redux and context api?