React JS

Points of React:

React is a javascript library not a framework

Building user interface

React doesn't focus on routing and http request

Focus on only UI

React is project created and maintained by facebook

Class Component:

1. These are ES6 Class
2. Class receives props as input and return HTML
3. It can also maintain private information to that component to describe the user interface.

Props:

1. Props are the optional input that a component can accept
2. To specify the props for a component we specify them as attributes.
3. Using props we can only get the values from one component to another component but we can't update the values.
4. Children props are the props will mentioning inside the component tag are called child props

Conditional Rendering:

1. If else
2. Element Variables
3. Ternary Operators
4. Short Circuit Operators

Tables:

1. Install boot strap:

      Npm i bootstrap
      npm i bootstrap --legacy-peer-deps

2.   Install react boot strap:
      npm i react-bootstrap
      npm i react-bootstrap --legacy-peer-deps

3.   In index.html in head add the below:

```html
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
```

4.   In index.html in body add the below:

```html
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
```

Interview Questions:

1. Front-end/UI/client server
2. API/middleware server
3. UI server and API server called Backend server
4. To simplify the complex UI building we will use reactjs
5. React is used for building User Interfaces
6.