➢ **What is React Js?**

React is a JavaScript library created by Facebook. React is a User Interface (UI) library. React is a tool for building UI components

➢ **What is NPM in React Js?**

NPM is an abbreviation used for the **Node Package Manager**. NPM is the world's largest Software Registry. It is a package manager for JavaScript. It is the default package manager that comes with NodeJS when you install it.

➢ **What is Role of Node Js in react Js?**

NodeJS is a framework of JavaScript which is mainly used for working with the backend of our application or building the backend using JavaScript, whereas ReactJS is a JavaScript front-end library. It is mainly used for building the user interface or the frontend of our application.

➢ **What is CLI command In React Js?**

React have its own CLI but currently they are only supporting creating an app (create-react-app). create-react-app used to generate the boilerplate version of a React application thru command line.

➢ **What are Components in React Js?**

Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML. Components come in two types, Class components and Function components

➢ **What is Header and Content Components in React Js?**

Headers are compositions that extend standard navbar functionalities. They contain additional components like a jumbotron, sub-navbar, or image covers which serve as a container for extra navigation elements - usually links, forms, or call-to-action buttons.

➢ **How to install React Js on Windows, Linux Operating System?How to Install NPM and How to check version of NPM?**

Download the Installer from NodeJS official website.
Install Node.js and NPM
Now in the terminal run the command: npm install -g create-react-app
Check Node.js and NPM Version: - node -v, and npm -v

- ➤ **How to check version of React Js?**
  To check which React version is our project using we need to open the package.Json. Look under the dependencies section. It should list all of the dependencies of our project and one of those should be React.

- ➤ **How to change in components of React Js?**
  A simple update of the state, from anywhere in the code, causes all the User Interface (UI) elements to be re-rendered automatically. However, there may be cases where the render() method depends on some other data.

- ➤ **Create Increment decrement state change by button click?**

```
import React from "react";
import { Component } from "react";


class Classcompostate extends Component {

  constructor(props) {
    super(props);
    this.state = {
      count: 0,
      name: ""
    }
  }

  Increament = () => {
    this.setState({ count: this.state.count + 1 })
    this.setState({ name: this.state.name = "You do Increament" })
  }
  Decrement = () => {
    this.setState({ count: this.state.count - 1 })
    this.setState({ name: this.state.name = "You do Decrement" })
  }
  Reset = () => {
    this.setState({ count: 0 })
    this.setState({ name: this.state.name = "You do Reset" })
  }

  render() {
    return (
      <>
```

```
        <p>React Web</p>
        <h1>{this.state.count}</h1>
        <h2>{this.state.name}</h2>
        <button onClick={this.Increament} >Increament</button>
        <button onClick={this.Decrement} >Decrement</button>
      <button onClick={this.Reset} >Reset</button>
       </>
    )
  }
}
export default Classcompostate;
```