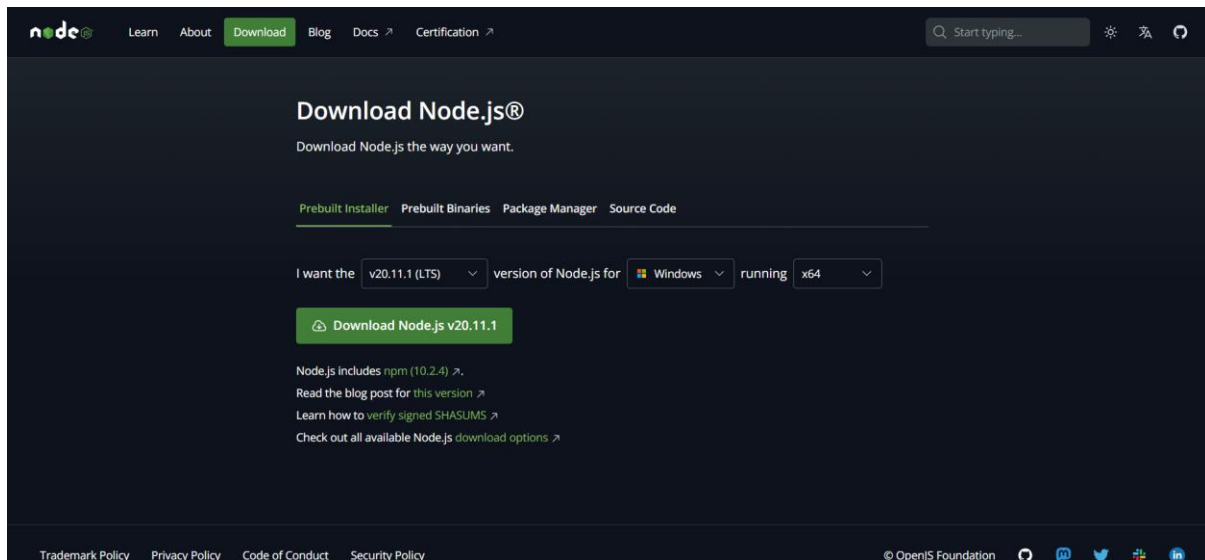


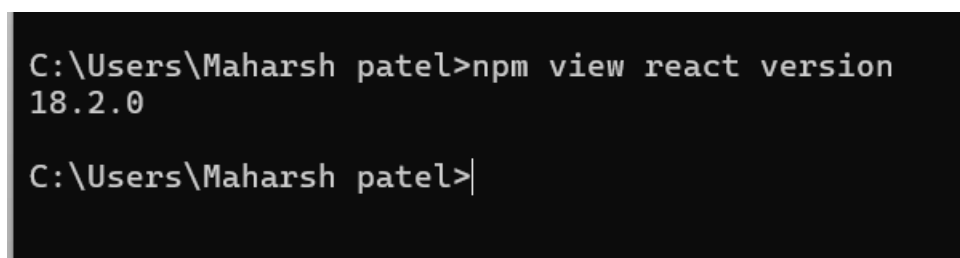
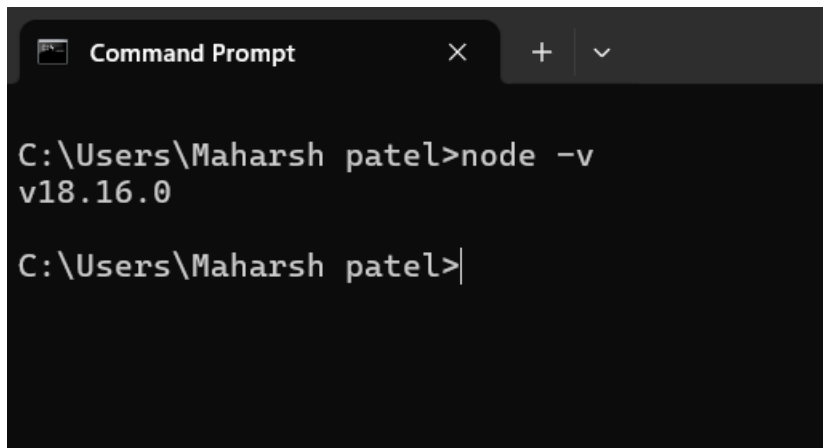
Lab Experiment:6

Aim: Install & Configure Visual Studio Code as an IDE, setup an environment for React by downloading Node.js and install React framework along with its packages. Understand the folder structure used by React and develop a “Hello World Application”.

Install Node js:



Configure:



```
PS D:\PDEU CLASS NOTE AND BOOKS SEM-6\web tech\webtech> npm i react -g  
  
changed 3 packages in 3s  
PS D:\PDEU CLASS NOTE AND BOOKS SEM-6\web tech\webtech> |
```

Create React Project:

```
PS D:\PDEU CLASS NOTE AND BOOKS SEM-6\web tech\webtech> npx create-react-app "lab-6" |
```

Code:

```
import './App.css';
```

```
function App() {  
  return (  
    <div className="App">  
      <h1>Hello world</h1>  
      <h2>21BIT057</h2>  
    </div>  
  );  
}  
export default App;
```

Output:

```
Compiled successfully!  
  
You can now view webtech in the browser.  
  
Local:      http://localhost:3000  
On Your Network:  http://10.30.59.85:3000  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
webpack compiled successfully
```

