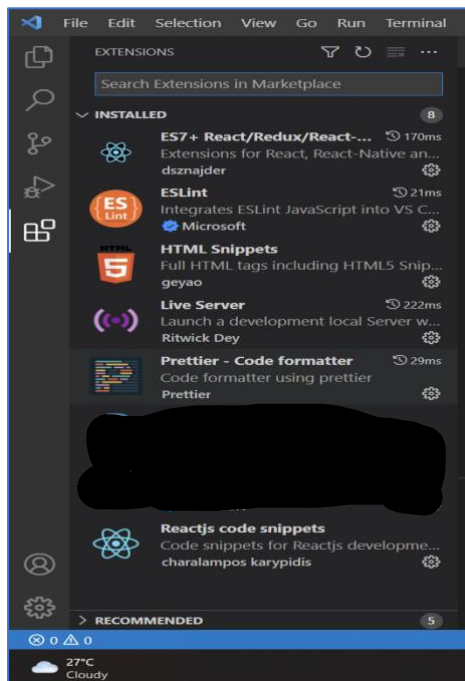# Program Using React JS

Aim:

To download and install react JS and to perform simple task using reactJS

Steps:

Step1: Download and install VS code

Step2: Select extension tab on left side and download extension like HTML snippets, Live server, ES lint, Reactjs code snippets, Prettier - Code formatter, ES7+ React/Redux/React-Native snippets.
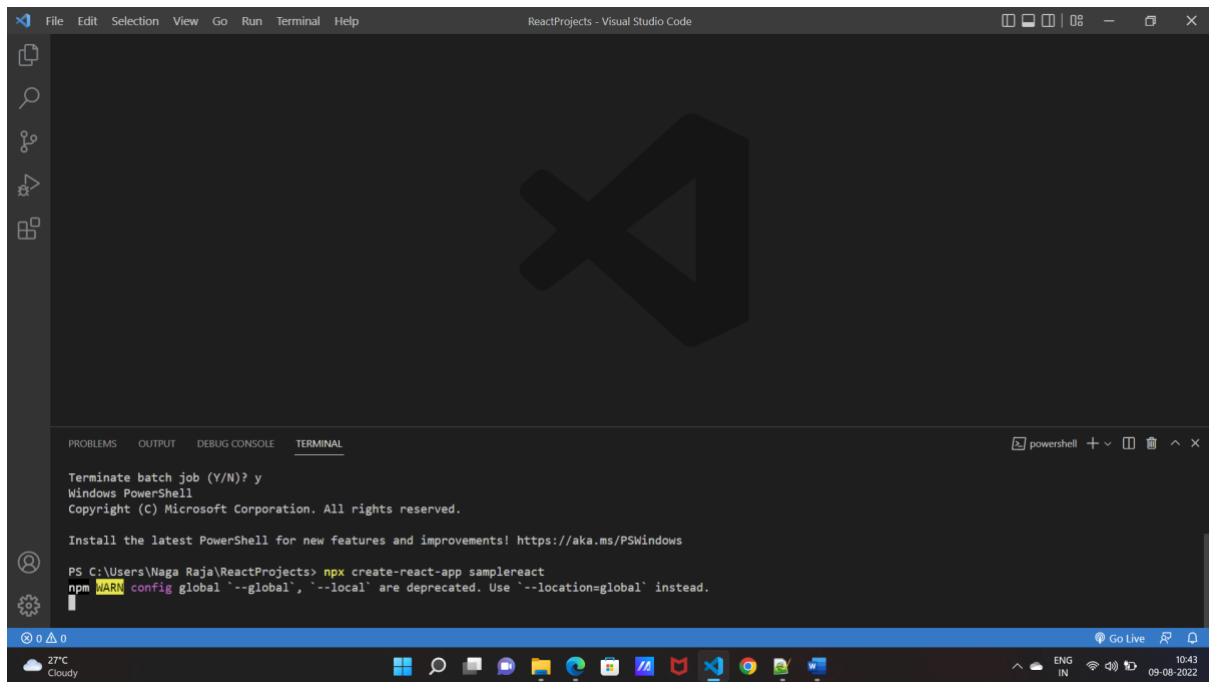

Step3: Download and install nodeJS

Step4: In VS code Terminal, type 'node'

Step5: Include or update npm and type 'npm install -g npm' to verify is present or not

Step6: Create a directory by using mkdir ReactProjects

Step7: Enter into your folder using cd ReactProjects

Step8: To create a ReactJS project using 'npx create-react-app samplereact'
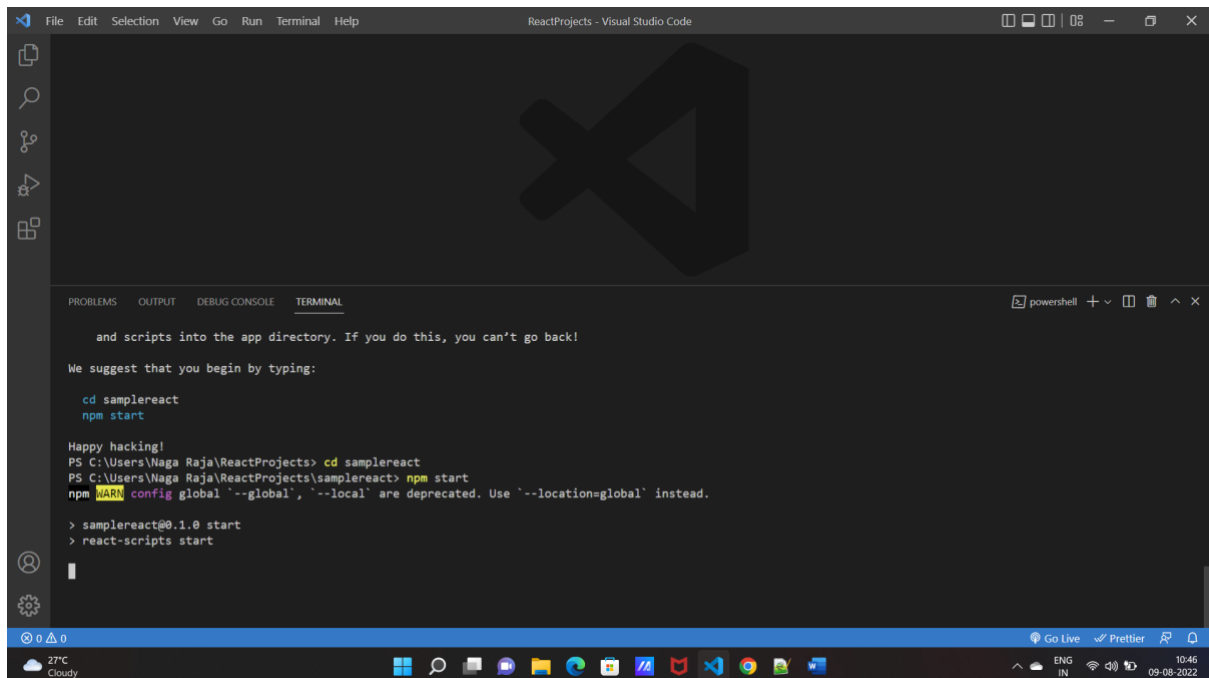
Step9: Again enter into folder cd samplereact

Step10: To start the server using 'npm start'

Step11: In vs code open file menu and open folder ReactProject, click SRC in left side and select app.js and you can write your code here.

Program:

```
import React,{Component} from 'react';

class App extends Component{

render(){

return(

<div>

<h1>Welcome </h1>

<h2> To techno world!!!</h2>

</div>

);

}}

export default App;
```

Output:
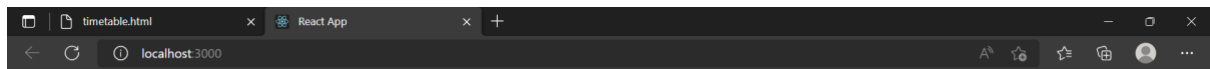
Welcome

To Techno world!!!

Login Page Using ReactJS

Aim:

To create a login page using ReactJS.

Coding:

---Copy the following code in App.js file ---

```jsx
import './App.css';
function call(){
  var name=document.getElementById("uname");
  var pswd=document.getElementById("psw");

  alert("USERNAME="+name.value+"\nPassword="+pswd.value);

}
function App() {
  return (

    <body>
      <div>
      <form>
        <center><h3>Login</h3></center>
      <label>Username:</label>
      <input type="text" id="uname"></input><br/><br/>


      <label>Password:</label>
      <input type="password" id="psw"></input><br/><br/>

      <center><input type="Submit" value="submit" onClick={call}/></center>
      </form>
      </div>
      </body>
  );
}

export default App;
```

---Copy the following code in App.css file ---

```css
body{
  margin-top:100px;
  display:flex;
  justify-content:center;
}
div{
  margin:auto;
  display:flex;
  align-items:center;
  justify-content:center;

}
form{
  padding:30px;
  background-image: linear-gradient(145deg,#F1F645 , #33FFCB,#45BEF6);
}
```

Output: