

1.Welcome Message Program

greet.html

```
<!DOCTYPE html>

<html>

<head>

  <title>Welcome Message</title>

  <script src="https://unpkg.com/react@18/umd/react.development.js"></script>

  <script src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"></script>

  <script src="https://unpkg.com/@babel/standalone/babel.min.js"></script>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f7f9fc;

      text-align: center;

      margin-top: 80px;

    }

    h1 {

      color: #333;

      font-size: 36px;

    }

    h2 {

      color: #444;

      font-size: 34px;

    }

  </style>

</head>

<body>
```

```
<div id="root"></div>
```

```
<script type="text/babel">
```

```
function Welcome() {
```

```
  return(
```

```
    <div>
```

```
      <h1>Welcome to React JS program ! 🐼 </h1>;
```

```
      <h2>React JS is a Java script library </h2>;
```

```
    </div>
```

```
  );
```

```
}
```

```
ReactDOM.createRoot(document.getElementById("root")).render(<Welcome />);
```

```
</script>
```

```
</body>
```

```
</html>
```

2. Display Counter program

counter.html

```
<!DOCTYPE html>

<html>

<head>

  <title>React Counter</title>

  <script src="https://unpkg.com/react@18/umd/react.development.js"></script>

  <script src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"></script>

  <script src="https://unpkg.com/@babel/standalone/babel.min.js"></script>

</head>

<body>

<div id="root"></div>

<script type="text/babel">

function Counter() {

  const [count, setCount] = React.useState(0);

  return (

    <div>

      <h1>Count: {count}</h1>

      <button onClick={() => setCount(count + 1)}>Increase</button>

      <button onClick={() => setCount(count - 1)}>Decrease</button>

    </div>

  );

}

ReactDOM.createRoot(document.getElementById("root")).render(<Counter />);

</script>

</body>

</html>
```

3. Student Profile creation

stud.html

```
<!DOCTYPE html>

<html>

<head>

  <title>Student Profile</title>

  <script src="https://unpkg.com/react@18/umd/react.development.js"></script>

  <script src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"></script>

  <script src="https://unpkg.com/@babel/standalone/babel.min.js"></script>

  <style>

    body {

      font-family: Arial, sans-serif;

      background: #f4f6f9;

    }

    .profile-box {

      width: 350px;

      margin: 50px auto;

      padding: 20px;

      border-radius: 10px;

      background: white;

      box-shadow: 0 0 12px rgba(0,0,0,0.1);

      text-align: center;

    }

    img {

      width: 120px;
```

```
height: 120px;
border-radius: 50%;
margin-bottom: 15px;
}
h2 {
margin: 10px 0;
}
</style>
</head>
<body>
<div id="root"></div>
<script type="text/babel">
function Profile() {
const student = {
    name: "Jeffrey",
    age: 20,
    course: "B.C.A",
    roll: "UBC20101",
    photo: "https://cdn-icons-png.flaticon.com/512/3135/3135715.png"
};
return (
<div className="profile-box">
<img src={student.photo} alt="Student Photo" />
<h1>My Profile</h1>
<h2>{student.name}</h2>
<p><strong>Age:</strong> {student.age}</p>
<p><strong>Course:</strong> {student.course}</p>
```

```
<p><strong>Roll No:</strong> {student.roll}</p>
```

```
</div>
```

```
);
```

```
}
```

```
ReactDOM.createRoot(document.getElementById("root")).render(<Profile />);
```

```
</script>
```

```
</body>
```

```
</html>
```