

## REACT -WEEK-07

### 9. ReactJS-HOL

```
src > JS ListofPlayers.js > ...
1 // ListofPlayers.js
2 import React from 'react';
3
4 function ListofPlayers({ players }) {
5   return (
6     <div>
7       {players.map((item, index) => (
8         <div key={index}>
9           <li>
10            Mr. {item.name} : <span>{item.score}</span>
11          </li>
12        </div>
13      ))}
14    </div>
15  );
16 }
17
18 export default ListofPlayers;
19
```

```
src > JS OddPlayers.js > ...
1 // OddPlayers.js
2 import React from 'react';
3
4 export function OddPlayers([first, , third, , fifth]) {
5   return (
6     <div>
7       <li>First : {first}1</li>
8       <li>Third : {third}3</li>
9       <li>Fifth : {fifth}5</li>
10    </div>
11  );
12 }
13
```

```
src > JS ScoreBelow70.js > ScoreBelow70
1 import React from 'react';
2 function ScoreBelow70({ players }) {
3   const players70 = [];
4   players.map((item) => {
5     if (item.score <= 70) {
6       players70.push(item);
7     }
8   });
9   return null;
10 }
11
12 return (
13   <div>
14     {players70.map((item, index) => (
15       <div key={index}>
16         <li>
17           Mr. {item.name} : <span>{item.score}</span>
18         </li>
19       </div>
20     ))}
21   </div>
22 );
23
24 export default ScoreBelow70;
```

```
src > JS EvenPlayers.js > ...
1 // EvenPlayers.js
2 import React from 'react';
3
4 export function EvenPlayers([, second, , fourth, , sixth]) {
5   return (
6     <div>
7       <li>Second : {second}2</li>
8       <li>Fourth : {fourth}4</li>
9       <li>Sixth : {sixth}6</li>
10    </div>
11  );
12 }
13
```

```
src > JS ListofIndianPlayers.js > ListofIndianPlayers
1 import React from 'react';
2
3 function ListofIndianPlayers({ IndianPlayers }) {
4   return (
5     <div>
6       {IndianPlayers.map((item, index) => (
7         <li key={index}>{item}</li>
8       ))}
9     </div>
10  );
11 }
12 export default ListofIndianPlayers;
13
```

localhost:3000

### List of Players

- Mr. Jack : 50
- Mr. Michael : 70
- Mr. John : 40
- Mr. Ann : 61
- Mr. Elisabeth : 61
- Mr. Sachin : 95
- Mr. Dhoni : 100
- Mr. Virat : 84
- Mr. Jadeja : 64
- Mr. Raina : 75
- Mr. Rohit : 80

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### List of Players having Scores Less than 70

- Mr. Jack : 50
- Mr. Michael : 70
- Mr. John : 40
- Mr. Ann : 61
- Mr. Elisabeth : 61
- Mr. Jadeja : 64

10. ReactJS-HOL

```
> JS App.js > App
1 import React from 'react';
2 import './index.css';
3 function App() {
4   const element = "Office Space";
5
6   const sr = "https://tse3.mm.bing.net/th/id/OIP.TDmmc4A7TjeH5oe4qNXgpQHaeJ?pid=Api&P=0&h=180";
7
8   const officeList = [
9     { Name: "DBS", Rent: 50000, Address: "Chennai" },
10    // { Name: "WeWork", Rent: 72000, Address: "Bangalore" },
11    // { Name: "Regus", Rent: 65000, Address: "Mumbai" },
12  ];
13  return (
14    <div style={{ padding: "20px" }}>
15      <h1>{element} , at Affordable Range</h1>
16      <img src={sr} width="25%" height="25%" alt="Office Space" />
17      <br /><br />
18
19      {officeList.map((item, index) => {
20        let colors = [];
21        if (item.Rent <= 60000) {
22          colors.push("textRed");
23        } else {
24          colors.push("textGreen");
25        }
26        return (
27          <div key={index}>
28            <h3><b>Name:</b> {item.Name}</h3>
29            <h3 className={colors}><b>Rent:</b> Rs. {item.Rent}</h3>
30            <h3><b>Address:</b> {item.Address}</h3>
31          </div>
32        );
33      })}
34    </div>
35  );
36}
```

```
JS App.js M X # index.css M X
src > # index.css > .textRed
1  ✓ .textRed {
2    color: red;
3  }
4
5  ✓ .textGreen {
6    color: green;
7  }
8
```

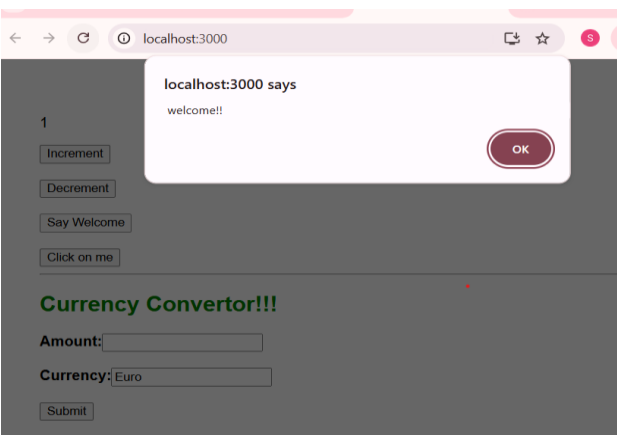
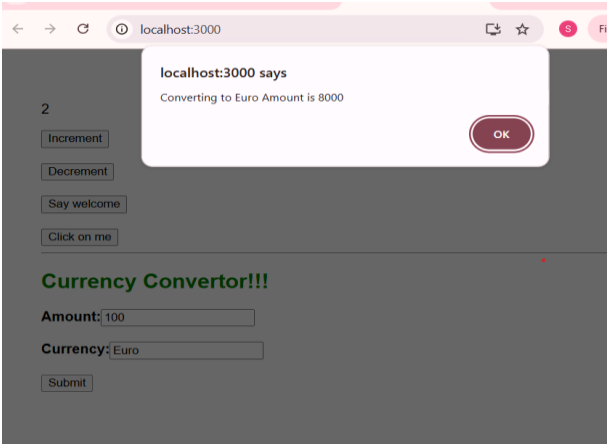


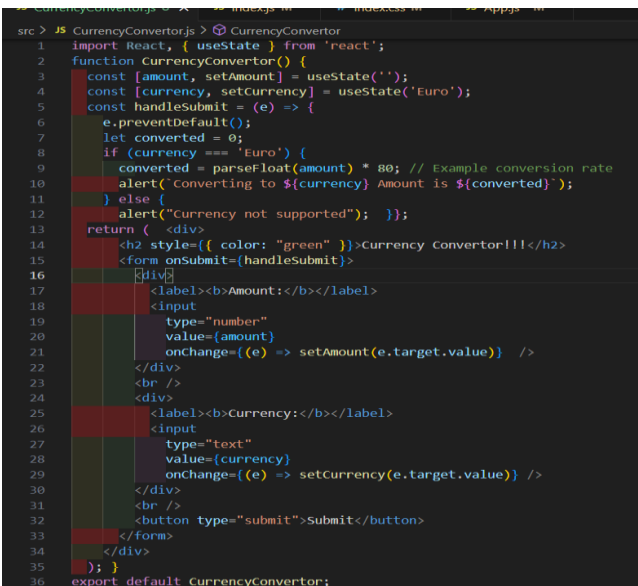
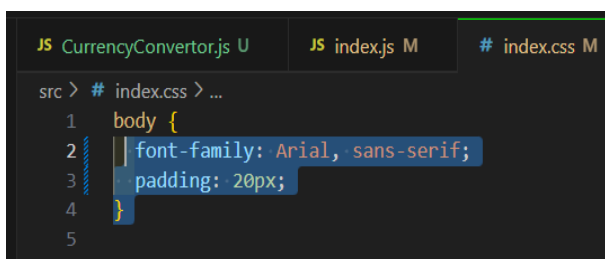
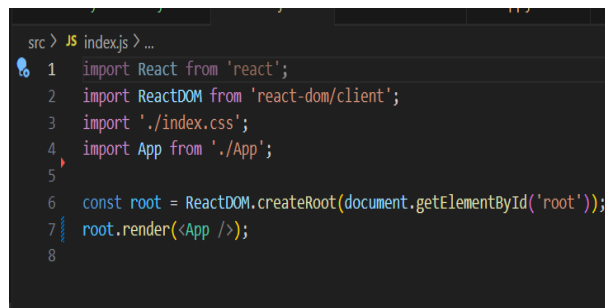
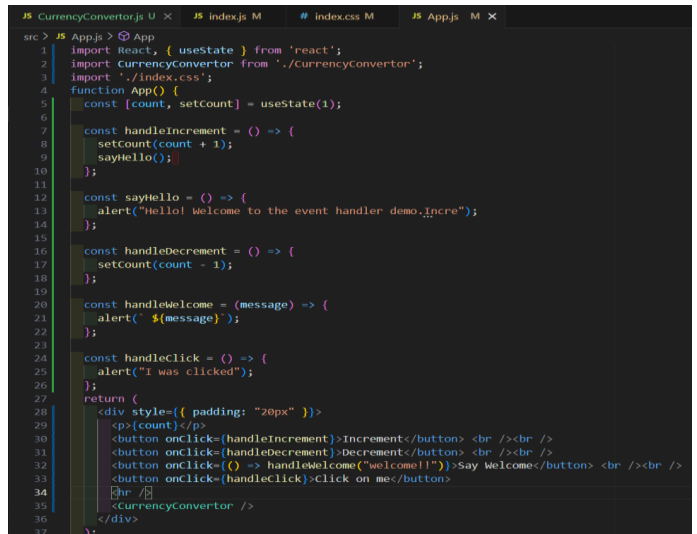
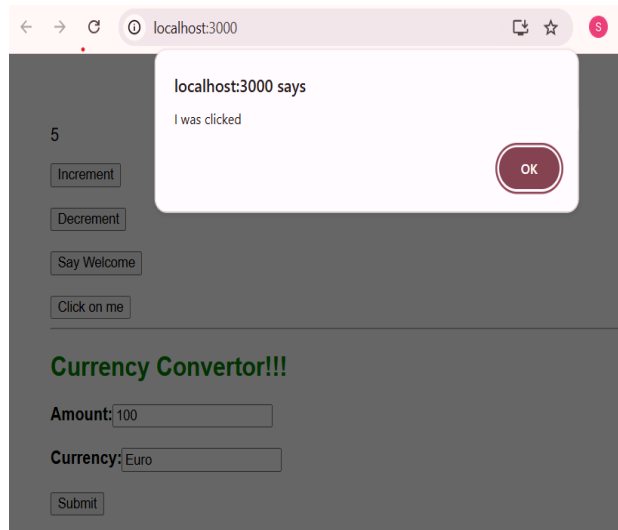
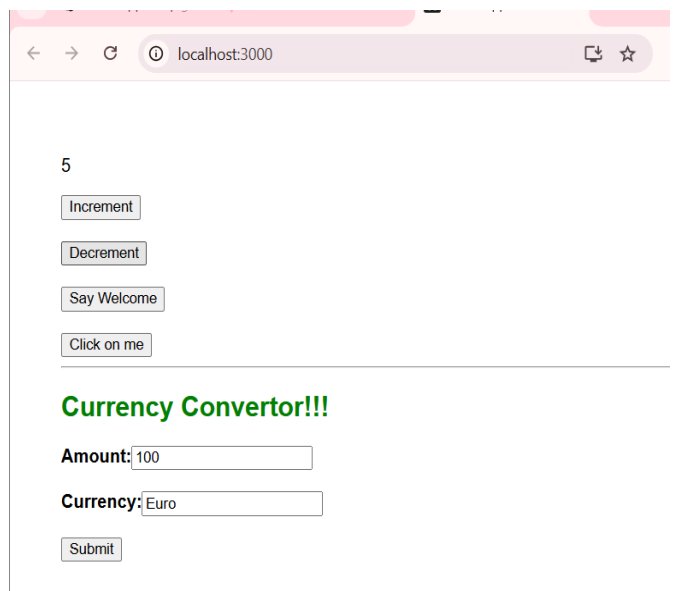
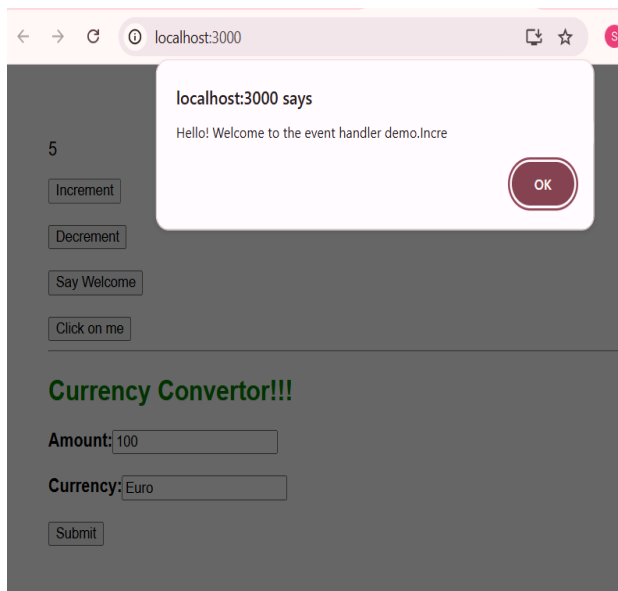
Office Space , at Affordable Range



Name: DBS  
Rent: Rs. 50000  
Address: Chennai

11. ReactJS-HOL





## 12. ReactJS-HOL

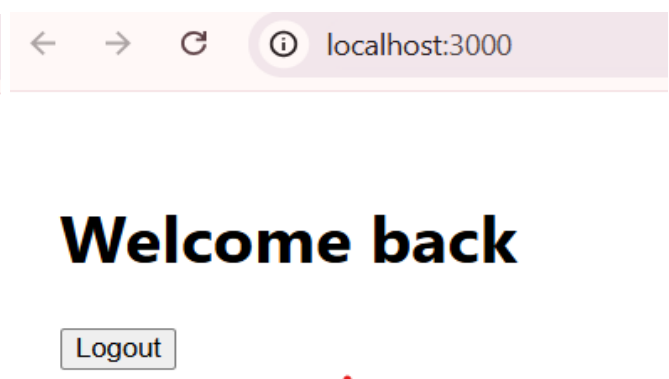
```
JS LoginButton.js U X JS LogoutButton.js U JS G
src > JS LoginButton.js > LoginButton
1 function LoginButton(props) {
2   return (
3     <button onClick={props.onClick}>
4       Login
5     </button>
6   );
7 }
8
9 export default LoginButton;
10
```

```
JS LoginButton.js U JS LogoutButton.js U X JS G
src > JS LogoutButton.js > LogoutButton
1 function LogoutButton(props) {
2   return (
3     <button onClick={props.onClick}>
4       Logout
5     </button>
6   );
7 }
8
9 export default LogoutButton;
10
```

```
; U JS Greeting.js U JS App.js M JS
src > JS UserGreeting.js > UserGreeting
1 function UserGreeting() {
2   return <h1>Welcome back</h1>;
3 }
4
5 export default UserGreeting;
6
```

```
src > JS Greeting.js > ...
1 import UserGreeting from './UserGreeting';
2 import GuestGreeting from './GuestGreeting';
3
4 function Greeting(props) {
5   const isLoggedIn = props.isLoggedIn;
6   if (isLoggedIn) {
7     return <UserGreeting />;
8   }
9   return <GuestGreeting />;
10 }
11
12 export default Greeting;
```

```
> JS GuestGreeting.js > GuestGreeting
1 function GuestGreeting() {
2   return <h1>Please sign up.</h1>;
3 }
4
5 export default GuestGreeting;
6
```



13. React/JS-HOL

```
> data > JS data.js > [ ] blogs
1 export const books = [
2   { id: 101, bname: 'Master React', price: 670 },
3   { id: 102, bname: 'Deep Dive into Angular 11', price: 800 },
4   { id: 103, bname: 'Mongo Essentials', price: 450 }
5 ];
6
7 export const courses = [
8   { id: 1, cname: 'Angular', date: '4/5/2021' },
9   { id: 2, cname: 'React', date: '6/3/20201' }
10 ];
11
12 export const blogs = [
13   {
14     id: 1,
15     title: 'React Learning',
16     author: 'Stephen Biz',
17     content: 'Welcome to learning React!'
18   },
19   {
20     id: 2,
21     title: 'Installation',
22     author: 'Schwezenier',
23     content: 'You can install React from npm.'
24   }
25 ];
```

```
JS BlogDetails.js U X # App.css M JS App.js M JS data.js
src > components > JS BlogDetails.js > ...
1 import React from 'react';
2
3 function BlogDetails({ blogs }) {
4   return (
5     <ul>
6       {blogs.map((blog) => (
7         <div key={blog.id}>
8           <h3>{blog.title}</h3>
9           <b>{blog.author}</b>
10          <p>{blog.content}</p>
11        </div>
12      ))}
13    </ul>
14  );
15  (alias) function BlogDetails({ blogs }: {
16    blogs: any;
17  }): JSX.Element
18  export default BlogDetails
19
20 export default BlogDetails;
```

```
src > components > JS BookDetails.js > ...
1 import React from 'react';
2
3 function BookDetails({ books }) {
4   return (
5     <ul>
6       {books.map((book) => (
7         <div key={book.id}>
8           <h3>{book.bname}</h3>
9           <h4>{book.price}</h4>
10        </div>
11      ))}
12    </ul>
13  );
14 }
15
16 export default BookDetails;
```

```
src > components > JS CourseDetails.js > ...
1 import React from 'react';
2
3 function CourseDetails({ courses }) {
4   return (
5     <ul>
6       {courses.map((course) => (
7         <div key={course.id}>
8           <h3>{course.cname}</h3>
9           <h4>{course.date}</h4>
10        </div>
11      ))}
12    </ul>
13  );
14 }
15
16 export default CourseDetails;
```

| Book Details              | Blog Details                    | Course Details |
|---------------------------|---------------------------------|----------------|
| Master React              | React Learning                  | Angular        |
| 670                       | Stephen Biz                     | 4/5/2021       |
| Deep Dive into Angular 11 | Welcome to learning React!      | React          |
| 800                       | Installation                    | 6/3/20201      |
| Mongo Essentials          | Schwezenier                     |                |
| 450                       | You can install React from npm. |                |