**9.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import React from 'react';  const ListofPlayers = () => {  const players = [  { name: "Virat", score: 80 },  { name: "Rohit", score: 60 },  { name: "Dhoni", score: 90 },  { name: "Kohli", score: 30 },  { name: "Pant", score: 70 },  { name: "Jadeja", score: 75 },  { name: "Ashwin", score: 50 },  { name: "Bumrah", score: 88 },  { name: "Rahul", score: 40 },  { name: "Shreyas", score: 95 },  { name: "Ishan", score: 66 },];  const below70 = players.filter(player => player.score < 70); // Arrow function  return (  <div>  <h2>All Players</h2>  {players.map((player, index) => (  <p key={index}>{player.name}: {player.score}</p>  ))}  <h2>Players with score below 70</h2>  {below70.map((player, index) => (  <p key={index}>{player.name}: {player.score}</p>  ))}  </div>  );  };  export default ListofPlayers;  import React from 'react';  const IndianPlayers = () => {  const T20players = ["Virat", "Rohit", "Pant", "Bumrah"];  const RanjiPlayers = ["Rahul", "Ishan", "Shreyas", "Dhoni"];  const allPlayers = [...T20players, ...RanjiPlayers];  const [odd1, even1, odd2, even2] = allPlayers;  return (  <div>  <h2>All Indian Players:</h2>  {allPlayers.map((player, index) => (  <p key={index}>{player}</p>  ))}  <h3>Odd Team Players: {odd1}, {odd2}</h3>  <h3>Even Team Players: {even1}, {even2}</h3>  </div>  );  };  export default IndianPlayers; |

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**10.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import logo from './logo.svg';  import './App.css';  function App() {        const officeList = [      {        name: "SpaceWorks",        rent: 55000,        address: "123 MG Road, Bangalore",        image: "office1.jpg"      },      {        name: "TechHub",        rent: 70000,        address: "456 IT Park, Hyderabad",        image: "office2.jpg"      },      {        name: "InnovateSpace",        rent: 65000,        address: "789 StartUp Lane, Pune",        image: "office3.jpg"      }    ];    return (       <div style={{ padding: '20px', fontFamily: 'Arial' }}>        <h1>Office Space Rental App</h1>        {officeList.map((item, index) => (          <div key={index} style={{            border: '1px solid gray',            borderRadius: '10px',            padding: '15px',            marginBottom: '20px',            width: '320px'          }}>            <img              src={process.env.PUBLIC\_URL + '/' + item.image}              alt={`Office ${index + 1}`}              width="300"              height="200"              style={{ borderRadius: '8px' }}            />            <h2>{item.name}</h2>            <p><strong>Address:</strong> {item.address}</p>            <p style={{ color: item.rent > 60000 ? 'green' : 'red' }}>              <strong>Rent:</strong> ₹{item.rent}            </p>  export default App; |

Output:

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**11.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import logo from './logo.svg';  import './App.css';  import Counter from './Counter';  import SayWelcome from './SayWelcome';  import SyntheticClick from './SyntheticClick';  import CurrencyConvertor from './CurrencyConvertor';  function App() {    return (   <div style={{ padding: "20px" }}>        <h1>React Event Examples</h1>        <Counter />        <SayWelcome />        <SyntheticClick />        <CurrencyConvertor />      </div>    );  }  export default App;  SayWelcome.js:  import React from 'react';  function SayWelcome() {    const handleWelcome = (message) => {      alert(message);    };    return (      <div>        <button onClick={() => handleWelcome("welcome")}>Say welcome</button>      </div>    );  }  export default SayWelcome;  import React from 'react';  function SyntheticClick() {    const handleClick = (event) => {      alert("I was clicked");      console.log("Synthetic event object:", event);    };    return (      <div>        <button onClick={handleClick}>Click on me</button>      </div>    );  }  export default SyntheticClick;  import React, { useState } from 'react';  function CurrencyConvertor() {    const [amount, setAmount] = useState('');    const [currency, setCurrency] = useState('');    const handleSubmit = (e) => {      e.preventDefault();      if (currency.toLowerCase() === 'euro') {        const result = amount \* 80;        alert(`Converting to Euro Amount is ${result}`);      }    };    return (      <div>        <h2 style={{ color: 'green' }}>Currency Convertor!!!</h2>        <form onSubmit={handleSubmit}>          <label>Amount:</label><br />          <input            type="number"            value={amount}            onChange={(e) => setAmount(e.target.value)}          /><br />          <label>Currency:</label><br />          <textarea            value={currency}            onChange={(e) => setCurrency(e.target.value)}          /><br />          <button type="submit">Submit</button>        </form>      </div>    );  }  export default CurrencyConvertor; |

Output:

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**12.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| import React, { useState } from 'react';  function GuestPage() {    return (      <div>        <h2>Welcome Guest!</h2>        <p>Browse available flight details here.</p>      </div>    );  }  function UserPage() {    return (      <div>        <h2>Welcome User!</h2>        <p>You can now book your flight tickets.</p>      </div>    );  }  function App() {    const [isLoggedIn, setIsLoggedIn] = useState(false);    const handleLogin = () => setIsLoggedIn(true);    const handleLogout = () => setIsLoggedIn(false);    return (      <div style={{ textAlign: 'center', padding: '50px' }}>        <h1>Ticket Booking App</h1>        {isLoggedIn ? <UserPage /> : <GuestPage />}        <br />        {isLoggedIn ? (          <button onClick={handleLogout}>Logout</button>        ) : (          <button onClick={handleLogin}>Login</button>        )}      </div>    );  }  export default App; |

Output:

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**13.ReactJS-HOL HandsOn**

Code:

|  |
| --- |
| function BookDetails() {    return (      <div className="card">        <h2>Book Details</h2>        <h3>Master React</h3>        <p>670</p>        <h3>Deep Dive into Angular 11</h3>        <p>800</p>        <h3>Mongo Essentials</h3>        <p>450</p>      </div>    );  }  export default BookDetails;  BlogDetails.js:  function BlogDetails() {    return (      <div className="card">        <h2>Blog Details</h2>        <h3>React Learning</h3>        <strong>Stephen Biz</strong>        <p>Welcome to learning React!</p>        <h3>Installation</h3>        <strong>Schwezdenier</strong>        <p>You can install React from npm.</p>      </div>    );  }  export default BlogDetails;  CourseDetails.js:  function CourseDetails() {    return (      <div className="card">        <h2>Course Details</h2>        <h3>Angular</h3>        <p>4/5/2021</p>        <h3>React</h3>        <p>6/3/20201</p>      </div>    );  }  export default CourseDetails;  App.js:  import CourseDetails from './CourseDetails';  import BookDetails from './BookDetails';  import BlogDetails from './BlogDetails';  import './App.css';  function App() {    return (      <div className="container">        <CourseDetails />        <BookDetails />        <BlogDetails />      </div>    );  }  export default App; |

Output:  
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AI-generated content may be incorrect.