**REACT:**

9. ReactJS-HOL:

CODE:

APP.js:

import React from 'react';

import ListofPlayers from './components/Listofplayers';

import IndianPlayers from './components/IndianPlayers';

function App() {

  const flag = true; // Set to false to view IndianPlayers instead

  return (

    <div>

      {flag ? <ListofPlayers /> : <IndianPlayers />}

    </div>

  );

}

export default App;

Output:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

10. ReactJS-HOL:

CODE:

APP.js:

import React from 'react';

import './App.css';

function App() {

  const heading = <h1>Office Space Rental App</h1>;

  const imageURL = "https://t4.ftcdn.net/jpg/03/84/55/29/360\_F\_384552930\_zPoe9zgmCF7qgt8fqSedcyJ6C6Ye3dFs.jpg";

  const office = {

    name: "Sky High Towers",

    rent: 75000,

    address: "12th Avenue, Tech Park, Bangalore"

  };

  const officeList = [

    {

      name: "Sky High Towers",

      rent: 75000,

      address: "12th Avenue, Tech Park, Bangalore"

    },

    {

      name: "Urban Spaces",

      rent: 55000,

      address: "MG Road, Pune"

    },

    {

      name: "WorkNest Hub",

      rent: 62000,

      address: "Hitech City, Hyderabad"

    },

    {

      name: "PrimeWork",

      rent: 45000,

      address: "Anna Nagar, Chennai"

    }

  ];

  return (

    <div className="App">

      {heading}

      <img src={imageURL} alt="Office Space" style={{ width: '100%', maxHeight: '400px', objectFit: 'cover', borderRadius: '10px' }} />

      <h2>Featured Office</h2>

      <div className="card">

        <p><strong>Name:</strong> {office.name}</p>

        <p><strong>Rent:</strong> <span className={office.rent < 60000 ? 'low' : 'high'}>₹{office.rent}</span></p>

        <p><strong>Address:</strong> {office.address}</p>

      </div>

      <h2>All Office Listings</h2>

      {officeList.map((item, index) => (

        <div key={index} className="card">

          <p><strong>Name:</strong> {item.name}</p>

          <p><strong>Rent:</strong> <span className={item.rent < 60000 ? 'low' : 'high'}>₹{item.rent}</span></p>

          <p><strong>Address:</strong> {item.address}</p>

        </div>

      ))}

    </div>

  );

}

export default App;

OUTPUT:

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A screenshot of a computer

AI-generated content may be incorrect.

11.ReactJS-HOL:

CODE:

APP.js:

import React, { useState } from 'react';

import './App.css';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

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

  const increment = () => {

    setCount(prev => prev + 1);

  };

  const sayHello = () => {

    console.log("Hello! This is a static message.");

    alert("Hello! This is a static message.");

  };

  const handleIncrease = () => {

    increment();

    sayHello();

  };

  const decrement = () => {

    setCount(prev => prev - 1);

  };

  const sayWelcome = (msg) => {

    alert(msg);

  };

  const handleClick = () => {

    alert("I was clicked");

  };

  return (

    <div className="App">

      <h2>Counter: {count}</h2>

      <button onClick={handleIncrease}>Increment</button>

      <button onClick={decrement}>Decrement</button>

      <hr />

      <button onClick={() => sayWelcome("Welcome to React Event Handling!")}>

        Say Welcome

      </button>

      <hr />

      <button onClick={handleClick}>(onClick)</button>

      <hr />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

Currency Convertor.js:

import React, { useState } from 'react';

import './App.css';

const CurrencyConvertor = () => {

  const [rupees, setRupees] = useState('');

  const [euro, setEuro] = useState(null);

  const handleSubmit = (e) => {

    e.preventDefault();

    const euroRate = 90;

    const result = rupees / euroRate;

    setEuro(result.toFixed(2));

  };

  return (

    <div className="currency-card">

      <h2>Currency Convertor</h2>

      <form onSubmit={handleSubmit}>

        <label>Enter Amount in ₹ Rupees:</label><br />

        <input

          type="number"

          value={rupees}

          onChange={(e) => setRupees(e.target.value)}

          placeholder="₹ Rupees"

          required

        />

        <button type="submit">Convert</button>

      </form>

      {euro && <p>Converted Amount: <strong>€ {euro}</strong></p>}

    </div>

  );

};

export default CurrencyConvertor;

OUTPUT:

A screenshot of a computer

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A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

12. ReactJS-HOL:

CODE:

APP.js:

import React, { useState } from 'react';

import './App.css';

import GuestPage from './GuestPage';

import UserPage from './UserPage';

function App() {

  const [isLoggedIn, setIsLoggedIn] = useState(false);

  const handleLogin = () => {

    setIsLoggedIn(true);

  }

  const handleLogout = () => {

    setIsLoggedIn(false);

  }

  return (

    <div className="App">

      <h1>Ticket Booking App</h1>

      {isLoggedIn ? (

        <>

          <button onClick={handleLogout}>Logout</button>

          <UserPage />

        </>

      ) : (

        <>

          <button onClick={handleLogin}>Login</button>

          <GuestPage />

        </>

      )}

    </div>

  );

}

export default App;

Guest page.js:

import React from 'react';

function GuestPage() {

  return (

    <div>

      <h2>Welcome, Guest!</h2>

      <p>Please log in to book your flight tickets.</p>

      <h3>Flight Details</h3>

      <ul>

        <li>Flight: AI 302 - Delhi to Mumbai - ₹4500</li>

        <li>Flight: SG 501 - Bangalore to Hyderabad - ₹2800</li>

        <li>Flight: IX 101 - Chennai to Dubai - ₹14500</li>

      </ul>

    </div>

  );

}

export default GuestPage;

User page.js:

import React from 'react';

function UserPage() {

  return (

    <div>

      <h2>Welcome, User!</h2>

      <p>You can now book your flight tickets.</p>

      <h3>Available Flights</h3>

      <ul>

        <li>

          Flight: AI 302 - Delhi to Mumbai - ₹4500

          <button style={{ marginLeft: '10px' }}>Book</button>

        </li>

        <li>

          Flight: SG 501 - Bangalore to Hyderabad - ₹2800

          <button style={{ marginLeft: '10px' }}>Book</button>

        </li>

        <li>

          Flight: IX 101 - Chennai to Dubai - ₹14500

          <button style={{ marginLeft: '10px' }}>Book</button>

        </li>

      </ul>

    </div>

  );

}

export default UserPage;

OUTPUT:

A screen shot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

13. ReactJS-HOL:

CODE:

APP.js:

import React, { useState } from 'react';

import './App.css';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

function App() {

  const [view, setView] = useState('book');

  const handleChange = (newView) => {

    setView(newView);

  };

  const renderComponent = () => {

    switch (view) {

      case 'book':

        return <BookDetails />;

      case 'blog':

        return <BlogDetails />;

      case 'course':

        return <CourseDetails />;

      default:

        return <p>Please select a view.</p>;

    }

  };

  return (

    <div className="App">

      <h1> Blogger App</h1>

      <div>

        <button onClick={() => handleChange('book')}>Show Book</button>

        <button onClick={() => handleChange('blog')}>Show Blog</button>

        <button onClick={() => handleChange('course')}>Show Course</button>

      </div>

      <hr />

      {}

      {(() => {

        if (view === 'book') {

          return <p> You selected Book View</p>;

        } else if (view === 'blog') {

          return <p> You selected Blog View</p>;

        } else {

          return <p> You selected Course View</p>;

        }

      })()}

      {}

      <p>

        {view === 'book' ? ' Displaying Book Component' :

         view === 'blog' ? 'Displaying Blog Component' :

         'Displaying Course Component'}

      </p>

      {}

      {view === 'book' && <p>(via &&) Book component loaded</p>}

      {view === 'blog' && <p>(via &&) Blog component loaded</p>}

      {view === 'course' && <p>(via &&) Course component loaded</p>}

      <hr />

      {}

      {renderComponent()}

    </div>

  );

}

export default App;

Book Details.js:

function BookDetails() {

  return (

    <div>

      <h2> Book Details</h2>

      <p>Title: React Explained</p>

      <p>Author: Zack Jackson</p>

      <p>Pages: 320</p>

    </div>

  );

}

export default BookDetails;

Blog Details.js:

function BlogDetails() {

  return (

    <div>

      <h2>Blog Details</h2>

      <p>Title: Why React is Awesome</p>

      <p>Author: Jane Doe</p>

      <p>Date: Aug 2025</p>

    </div>

  );

}

export default BlogDetails;

Course Details.js:

function CourseDetails() {

  return (

    <div>

      <h2> Course Details</h2>

      <p>Course: React Masterclass</p>

      <p>Duration: 6 weeks</p>

      <p>Instructor: John Smith</p>

    </div>

  );

}export default CourseDetails;

OUTPUT:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.