

```
<!DOCTYPE html>

<html>

  <head>

    <title>React SPA Exam</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">

      const { useState, useEffect } = React;


      const Greeting = ({ name }) => <h3>Hello, {name}!</h3>;


      const Home = () => {

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

        return (

          <div>

            <Greeting name="Sahil" />

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

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

          </div>

        );

      };

    </script>

  </body>

</html>
```

```

const About = () => {
  const [msg, setMsg] = useState("Loading...");
  useEffect(() => {
    setTimeout(() => setMsg("Using Hooks, Props & State"), 1000);
  }, []);
  return <p>{msg}</p>;
};

```

```

const Contact = () => {
  const [email, setEmail] = useState("");
  const [submitted, setSubmitted] = useState(false);
  return submitted ? (
    <p>Thanks, {email}!</p>
  ) : (
    <form onSubmit={e => { e.preventDefault(); setSubmitted(true); }}>
      <input value={email} onChange={e => setEmail(e.target.value)} placeholder="Email"
    />
    <button type="submit">Send</button>
  </form>
  );
};

```

```

const App = () => {
  const [page, setPage] = useState("home");
  const Current = { home: Home, about: About, contact: Contact }[page];
  return (
    <>
      <nav>

```

```
    <button onClick={() => setPage("home")}>Home</button>
    <button onClick={() => setPage("about")}>About</button>
    <button onClick={() => setPage("contact")}>Contact</button>
  </nav>
  <Current />
</>
);
};

ReactDOM.createRoot(document.getElementById("root")).render(<App />);
</script>
</body>
</html>
```