## Code:

```
#index.js
import React from 'react';
import ReactDOM from 'react-dom/client';
import App from './App';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(<App />);
#App.js
import React from 'react';
import { BrowserRouter, Routes, Route, Link } from 'react-router-dom';
import Home from './pages/Home';
import About from './pages/About';
function App() {
 return (
  <BrowserRouter>
   <nav>
    <Link to="/">Home</Link> | <Link to="/about">About</Link>
   </nav>
   <Routes>
    <Route path="/" element={<Home />} />
    <Route path="/about" element={<About />} />
   </Routes>
  </BrowserRouter>
 );
export default App;
#Home.js
import React from 'react';
import Counter from '../components/Counter';
import Form from '../components/Form';
import RefExample from '../components/RefExample';
import ItemList from '../components/ItemList';
function Home() {
 return (
  <div>
   <h1>Welcome to React Concepts Demo</h1>
   <Counter/>
   <Form />
   <RefExample />
   <ItemList items={['Apple', 'Banana', 'Orange']} />
  </div>
 );
export default Home;
```

```
#About.js
import React from 'react';
function About() {
 return <h2>This is the About Page (React Router demo)</h2>;
export default About;
#src/counter.js
import React, { useState } from 'react';
function Counter() {
 const [count, setCount] = useState(0);
 return (
  <div>
   <h2>Counter (State + Events)</h2>
   Count: {count}
   <br/>
<br/>
button onClick={() => setCount(count + 1)}>+1</br/>
button>
  </div>
 );
export default Counter;
#src/Form.js
import React, { useState } from 'react';
function Form() {
 const [name, setName] = useState(");
 const handleSubmit = e => {
  e.preventDefault();
  alert(`Submitted name: ${name}`);
 };
return (
  <div>
   <h2>Form Example</h2>
   <form onSubmit={handleSubmit}>
     <input
      type="text"
      value={name}
      onChange={e => setName(e.target.value)}
      placeholder="Enter name"
    />
    <button type="submit">Submit</button>
   </form>
  </div>
 );
export default Form;
RefExample.js
import React, { useRef } from 'react';
function RefExample() {
 const inputRef = useRef();
 const focusInput = () => \{
  inputRef.current.focus();
```

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};
 return (
  <div>
    <h2>Ref Example</h2>
    <input ref={inputRef} type="text" placeholder="Click button to focus" />
    <button onClick={focusInput}>Focus Input</button>
  </div>
 );
export default RefExample;
#src/ItemList.js
import React from 'react';
function ItemList({ items }) {
 return (
  <div>
    <h2>Item List (Keys + Props)</h2>
    <u1>
     \{\text{items.map}((\text{item}, \text{index}) => (
      {item} {/* Ideally use unique IDs instead of index */}
     ))}
    </div>
 );
export default ItemList;
Output:
Welcome to React Concepts Demo
Counter (State + Events)
+1
Form Example
Ref Example
Click button to focus Focus Input
Item List (Keys + Props)
```

Home | About

This is the About Page (React Router demo)