

**S1: Project and Files**

```
C:\demo\jsmarch24\L10>npx create-react-app p1_eo_app
C:\demo\jsmarch24\L10>cd p1_eo_app
C:\demo\jsmarch24\L10\p1_eo_app>npm install react-router-dom
C:\demo\jsmarch24\L10\p1_eo_app>cd src
C:\demo\jsmarch24\L10\p1_eo_app\src>notepad EvenOdd.js
C:\demo\jsmarch24\L10\p1_eo_app\src>notepad About.js
C:\demo\jsmarch24\L10\p1_eo_app\src>notepad NavBar.js
C:\demo\jsmarch24\L10\p1_eo_app\src>cd..
C:\demo\jsmarch24\L10\p1_eo_app>npm start
```

REACT WITH KAMAL SIR - 8369084928



## S2: Coding

### EvenOdd.js

```
import { useState, useRef } from "react";
import NavBar from "../NavBar";

function EvenOdd()
{
    const rNum = useRef();
    const [num, setNum] = useState(""); // fn that return two values
    const [msg, setMsg] = useState("");

    const hNum = (event) => { setNum(event.target.value); }

    const find = (event) => {
        event.preventDefault();
        if (num == "")
        {
            alert("u did not enter integer ");
            setMsg("");
            rNum.current.focus();
            return;
        }

        let n = parseInt(num);
        let r = n % 2 == 0 ? "even" : "odd";
        let ans = "res = " + r;
        setMsg(ans);
    }

    return(
        <>
        <center>
            <NavBar/>
            <h1> EvenOdd Page </h1>
            <form onSubmit={ find }>
                <input type="number" placeholder="enter integer " onChange={hNum} ref={ rNum }/>
                <br/><br/>
                <input type="submit" value="Find Even/Odd" />
            </form>
            <h2> { msg } </h2>
        </center>
        </>
    );
}

export default EvenOdd;
```



### About.js

```
import NavBar from "../NavBar";

function About()
{
  return(
    <>
    <center>
      <NavBar/>
      <h1> About Page </h1>
      <h2>
        <p> Kamal Classes Thane </p>
        <p> 404, ishan arcade-2, gokhale road, thane west </p>
        <p> Kamal Classes Borivali </p>
        <p> 301, paras business center, karter road no.1, borivali east </p>

      </h2>
    </center>
    </>
  );
}

export default About;
```

### NavBar.js

```
import { Link } from "react-router-dom";

function NavBar()
{
  return(
    <>
    <center>
      <div className="nav">
        <Link to="/" > Home </Link>
        <Link to="/about" > About </Link>
      </div>
    </center>
    </>
  );
}

export default NavBar;
```



### App.js

```
import logo from './logo.svg';
import './App.css';
import EvenOdd from './EvenOdd';
import About from './About';
import { BrowserRouter, Routes, Route } from "react-router-dom";

function App() {
  return (
    <BrowserRouter>
      <Routes>
        <Route path="/" element={ <EvenOdd/> } />
        <Route path="/about" element={ <About/> } />
        <Route path="*" element={ <EvenOdd/> } />
      </Routes>
    </BrowserRouter>
  );
}

export default App;
```

### App.css

```
* { font-size:3vw; font-family: Century; }
.nav { background-color: black; }
.nav a { color:white; text-decoration:none; margin:5vw;}
h2 { border:solid; width:70%; border-radius:30px; }
```