S1: in L10> npx create-react-app p2_sqr_app

S2: in L10> cd p2_sqr_app

S3: in p2_sqr_app> cd src

S4: in src> notepad Square.js

S5: in src> cd..

S6: in p2_sqr_app>npm start

S7: in p2_sqr_app ➜ src folder ➜ code for Square.js

Square.js

```
import { useState, useRef } from "react";

function Square()
{

    const [num, setNum] = useState("");
    const [ans, setAns] = useState("");
    const rNum = useRef();

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

    const find = (event) => {
        event.preventDefault();
```

```
        if (num.length == 0)
        {
                alert("empty input");
                rNum.current.focus();
                setAns("");
                return;
        }
        let n = parseFloat(num);
        let r = n * n;
        let res = "square = " + r.toFixed(2);
        setAns(res);
    }

    return(
        <>
        <center>
                <h1> Square App </h1>
                <form onSubmit={find}>
                        <input type="number" step="any"
placeholder="enter number"
                        onChange={hNum} ref={rNum}/>
                        <br/><br/>
                        <input type="submit" value="Find Square" />
                </form>
                <h1> { ans } </h1>
        </center>
        </>
    )

}

export default Square;
```

S8: in p2_sqr_app ➔ src folder ➔ edit App.js and App.css

App.js
```
import logo from './logo.svg';
import './App.css';
import Square from "./Square.js";

function App() {
  return (
   <div className="App">
            <Square/>
   </div>
 );
}
export default App;
```

App.css
```
*
{
font-size:60px;
font-family: Comic Sans MS;
}
body
{
background-color:lightblue;
}
```