

S1: Project and Files

```
C:\demo\jsmarch24\L7>npx create-react-app p2_square_app
C:\demo\jsmarch24\L7>cd p2_square_app
C:\demo\jsmarch24\L7\p2_square_app>cd src
C:\demo\jsmarch24\L7\p2_square_app\src>notepad Square.js
C:\demo\jsmarch24\L7\p2_square_app\src>cd..
C:\demo\jsmarch24\L7\p2_square_app>npm start
```

S2: Coding

Square.js

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

function Square()
{
    const [num, setNum] = useState("");
    const [msg, setMsg] = useState("");

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

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

        if (num == "")
        {
            alert("u did not enter number");
            setMsg("");
            return;
        }
        let n = parseFloat(num);
        let r = n * n;
        setMsg("square = " + r.toFixed(2));
    }

    return(
        <>
        <center>
        <h1> Square App by Kamal Sir </h1>
        <form onSubmit={find}>
        <input type="number" step="any" placeholder="enter number" onChange={ hNum } />
        <br/><br/>
        <input type="submit" value="Find Square" />
        </form>
        <h2> { msg } </h2>
        </center>
        </>
    );
}
export default Square;
```


App.js

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

```
function App() {  
  return (  
    <Square/>  
  );  
}  
export default App;
```

App.css

```
*  
{  
  font-size:60px;  
  font-family: Century;  
}  
  
body  
{  
  background-color:azure;  
}
```