

S1: Project and Files

```
C:\demo\jsmarch24\L7>npx create-react-app p3_add_app
C:\demo\jsmarch24\L7>cd p3_add_app
C:\demo\jsmarch24\L7\p3_add_app>cd src
C:\demo\jsmarch24\L7\p3_add_app\src>notepad Addition.js
C:\demo\jsmarch24\L7\p3_add_app\src>cd..
C:\demo\jsmarch24\L7\p3_add_app>npm start
```

S2: Coding**Addition.js**

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

function Addition()
{
    const rNum1 = useRef();
    const rNum2 = useRef();
    const [num1, setNum1] = useState("");
    const [num2, setNum2] = useState("");
    const [msg, setMsg] = useState("");

    const hNum1 = (event) => { setNum1(event.target.value); }
    const hNum2 = (event) => { setNum2(event.target.value); }

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

        if (num1 == "")
        {
            alert("u did not enter first number");
            setMsg("");
            rNum1.current.focus();
            return;
        }

        if (num2 == "")
        {
            alert("u did not enter second number");
            setMsg("");
            rNum2.current.focus();
            return;
        }

        let n1 = parseFloat(num1);
        let n2 = parseFloat(num2);
        let r = n1 + n2;
        setMsg("res of addition = " + r.toFixed(2));
    }
}
```

```
return(
<>
<center>
  <h1> Addition App by Kamal Sir </h1>
  <form onSubmit={ find }>
    <input type="number" step="any" placeholder="enter first number"
    onChange={ hNum1 } ref={ rNum1 }/>
    <br/><br/>
    <input type="number" step="any" placeholder="enter second number"
    onChange={ hNum2 } ref={ rNum2 }/>
    <br/><br/>
    <input type="submit" value="Add" />
  </form>
  <h2> { msg } </h2>
</center>
</>
);
}
export default Addition;
```

App.js

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

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

App.css

```
*
{
font-size:60px;
font-family: Century;
}

body
{
background-color:azure;
}
```