

**S1: Project and Files**

```
C:\demo\jsmarch24\L8>npx create-react-app p2_languages_app
C:\demo\jsmarch24\L8>cd p2_languages_app
C:\demo\jsmarch24\L8\p2_languages_app>cd src
C:\demo\jsmarch24\L8\p2_languages_app\src>notepad Languages.js
C:\demo\jsmarch24\L8\p2_languages_app\src>cd..
C:\demo\jsmarch24\L8\p2_languages_app>npm start
```

**S2: Coding****Languages.js**

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

```
function Languages()
```

```
{
```

```
  const [name, setName] = useState("");
  const [javascript, setJavascript] = useState(false);
  const [java, setJava] = useState(false);
  const [python, setPython] = useState(false);
  const [msg, setMsg] = useState("");
```

```
  const hName = (event) => { setName(event.target.value); }
  const hJavascript = (event) => { setJavascript( !javascript); }
  const hJava = (event) => { setJava( !java); }
  const hPython = (event) => { setPython( !python); }
```

```
  const show = (event) => {
    event.preventDefault();
    let lang = "";
    if (javascript) lang += " JavaScript ";
    if (java) lang += " Java ";
    if (python) lang += " Python ";

    let ans = "name = " + name + " languages = " + lang;
    setMsg(ans);
  }
```



```
return(
  <>
  <center>
    <h1> Languages You Know </h1>
    <form onSubmit={ show }>
      <input type="text" placeholder="enter name"
        onChange={hName} />
      <br/><br/>
      <input type="checkbox" onChange={hJavascript}/> JavaScript
      <input type="checkbox" onChange={hJava}/> Java
      <input type="checkbox" onChange={hPython}/> Python
      <br/><br/>
      <input type="submit" />
    </form>
    <h2> { msg } </h2>
  </center>
</>
);
}
export default Languages;
```

#### **App.js**

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

function App() {
  return (
    <Languages/>
  );
}

export default App;
```



### App.css

```
*  
{  
  font-size:3vw;  
  font-family: Century;  
}  
  
body  
{  
  background-color:MediumSeaGreen;  
}  
  
input[type=checkbox]  
{  
  width:3%;  
  height:0.5em;  
}
```



S0:

```
C:\demo\jsmarch24\L8\p1_feedback_app>npm install -g firebase-tools
```

S1:

```
C:\demo\jsmarch24\L8\p1_feedback_app>npm run build
```

S2:

```
C:\demo\jsmarch24\L8\p1_feedback_app>firebase login
```

S3:

```
C:\demo\jsmarch24\L8\p1_feedback_app>firebase init
```

? Are you ready to proceed? Yes

Using down arrow key → select hosting and space bar and enter

Create new project

? Please specify a unique project id (warning: cannot be modified afterward)

[6-30 characters]:

feedback20march24

? What would you like to call your project? (defaults to your project ID) → press enter key

? What do you want to use as your public directory? build

? Configure as a single-page app (rewrite all urls to /index.html)? Yes

? Set up automatic builds and deploys with GitHub? No

? File build/index.html already exists. Overwrite? No

S4:

```
C:\demo\jsmarch24\L8\p1_feedback_app>firebase deploy
```