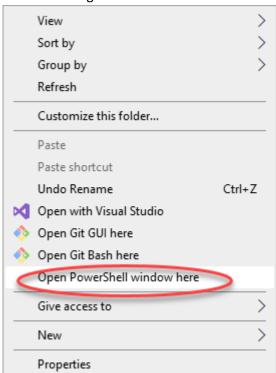
# Introducing React JS to Create Web Apps

Create new folder (for project folder) in your preferred location.

Hold Shift + Right click inside created folder. And select Open PowerShell window here



Type this command to create template code:

```
npm create vite@latest
```

```
■ Windows PowerShell

PS C:\belajar\reactweb> npm create vite@latest
```

Type project/folder name:

project1

```
C:\Windows\system32\cmd.exe

PS C:\belajar\reactweb> npm create vite@latest
Project name: project1
```

```
PS C:\belajar\reactweb> npm create vite@latest

/ Project name: ... project1
? Select a framework: » - Use arrow-keys. Return to so Vanilla

// Vue

> React

Lit

Svelte

Solid

Qwik

Others
```

#### Select Javascipt

## Result

```
PS C:\belajar\reactweb> npm create vite@latest

/ Project name: ... project1

/ Select a framework: » React

/ Select a variant: » JavaScript

Scaffolding project in C:\belajar\reactweb\project1...

Done. Now run:

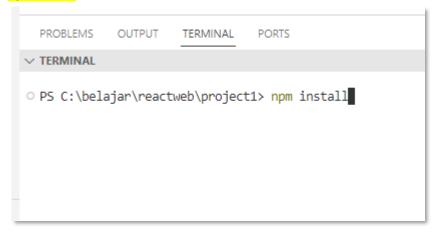
cd project1
   npm install
   npm run dev

PS C:\belajar\reactweb>
```

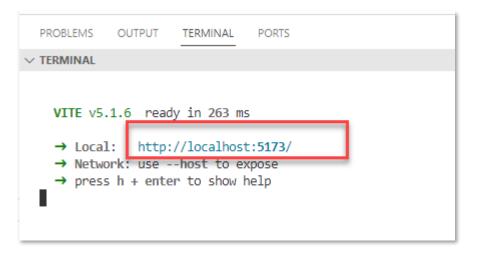
## Open project folder with VS Code, open terminal

Run:

## npm install



## Press CTRL + Click on http://localhost:xxxx



## You will see this html page



### Source Code routing file structure

```
X File Edit Selection View Go Run ...

∠ project1

                                                           🧇 main.jsx
        EXPLORER
                                            ⇔ index.html ×

⇔ App.jsx

                                             ◇ index.html > ...
      ∨ PROJECT1
                             回の哲却
                                                    <!doctype html>
        > node_modules
                                               1
                                               2
                                                    <html lang="en">
        > public
                                               3
                                                      <head>

✓ src

                                                        <meta charset="UTF-8" />
                                               4
        > assets
                                               5
                                                        <link rel="icon" type="image/svg+xml" href="/vite.svg" />
        # App.css
                                                        <meta name="viewport" content="width=device-width, initial-scale=1.0" /</pre>
                                               6
        App.jsx
                                               7
                                                        <title>Vite + React</title>
        # index.css
                                               8
                                                      </head>
                                               9
                                                      <body>
        main.jsx
                                              10
                                                       <div id="root"></div>
       eslintrc.cjs
                                                        <script type="module" src="/src/main.jsx"></script>
                                              11
       gitignore
                                              12
                                                     </body>
       index.html
                                              13
                                                    </html>
       {} package-lock.json
                                              14
       {} package.json
       (i) README.md
       Js vite.config.js
```

#### Index.html

```
X File Edit Selection View Go Run

∠ project1

        EXPLORER
                                             ○ index.html ×
                                                               main.jsx
                                                                                App.jsx

∨ PROJECT1

    index.html > ...

                                                   <!doctype html>
                                                1
        > node_modules
                                                     <html lang="en">
        > public
                                                3
                                                       <head>
                                                                                          Part of react script
        ∨ src
                                                         <meta charset="UTF-8" />
                                                4
                                                                                                running
         > assets
                                                                                                                  vg" />
                                                         <link rel="icon" type="imag</pre>
                                                5
        # App.css
                                                         <meta name="viewport" conte</pre>
                                                                                                                  initial-scale=1.0" />
                                                6
        App.jsx
                                                7
                                                          <title>Vite + React</titl
                                                       </head>
        # index.css
                                                8
                                                9
                                                       <body>
        main.jsx
                                                         <div id="root"></div>
                                               10
       eslintrc.cjs
                                                         <script type="module" src="/src/main.jsx"></script>
                                               11
       gitignore
                                                        </body>
                                               12
       index.html
                                                     </html>
                                               13
       {} package-lock.json
                                               14
       {} package.json
       (i) README.md
       Js vite.config.js
```

#### Main.jsx

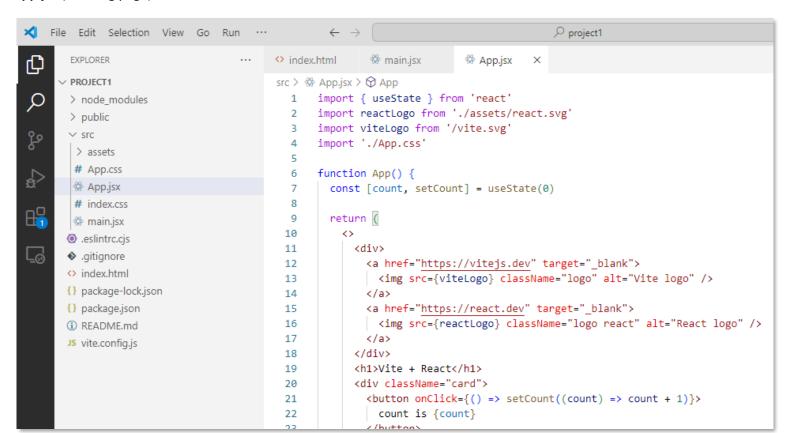
```
∠ project1

Edit Selection View Go Run
EXPLORER
                                    index.html
                                                     main.isx
                                                                      App.jsx
PROJECT1
                     回の哲却
                                    src > 🏶 main.jsx
                                            import React from 'react'
> node_modules
                                       1
                                            import ReactDOM from 'react-dom/c
> public
                                                                                   Import script page
                                            import App from './App.jsx'
∨ src
                                            import './index.css'
 > assets
                                       5
 # App.css
                                       6
                                            ReactDOM.createRoot(document.getElementById('root')).render(
 App.jsx
                                       7
                                              <React.StrictMode>
 # index.css
                                       8
                                                <App />
                                       9
                                              </React.StrictMode>,
main.jsx
                                      10
eslintrc.cjs
                                      11
gitignore
index.html
{} package-lock.json
{} package.json

 README.md

JS vite.config.js
```

### App.jsx (showing page)



Web Apps using HTML to render page.

You can learn about HTML code here:

https://www.w3schools.com/html/default.asp