Using Vite to create our react application:

**Installation**

1. Open a terminal window and choose a working folder eg Documents
2. In Documents run the command: npm create vite@latest
3. If it asks to install dependencies, usually you just enter Y and hit the Enter key
4. It will ask for the project name so enter: react-bc
5. A screen shot of a computer screen

   Description automatically generatedYou will then choose React (might be the third option from the list)
6. After that choose JavaScript
7. Just follow the commands, so first **cd into the folder** Vite created for you. If you followed #2 above it should be cd react-bc
8. Run npm install

Before you run the next command, open the app in VS Code and we will run that last command there

1. Run npm run dev

You will be given an url address to go to, usually it is localhost:5173

Preparation

1. Remove most of the code from the return() function of the App.jsx file, leaving just the one line (#19) shown below:

|  |
| --- |
| import './App.css'  function App() {  return (  <>  <h1>Vite + React</h1>  </>  )  }  export default App |

1. There are two files in the HMTL folder provided that need to go into the src folder of the React application. The chart.gif can go into the assets folder and the styles.css file can stay in the src folder
2. Change the App.css on the first line to import styles.css instead:

|  |
| --- |
| import './styles.css'  function App() {  return (  <>  <h1>Vite + React</h1>  </> |

1. In main.jsx, remove the index.css import from line 3:

|  |
| --- |
| import { StrictMode } from 'react'  import { createRoot } from 'react-dom/client'  ~~import './index.css'~~  import App from './App'  createRoot(document.getElementById('root')).render(  <StrictMode> |

1. You can now remove the index.css and App.css files from the src folder.

This is what both files should look like now:

main.jsx

|  |
| --- |
| import { StrictMode } from 'react';  import { createRoot } from 'react-dom/client';  import App from './App';  createRoot(document.getElementById('root')).render(  <StrictMode>  <App />  </StrictMode>,  ); |

App.jsx

|  |
| --- |
| import './styles.css'  function App() {  return (  <>  <h1>Vite + React</h1>  </>  )  }  export default App; |

The file structure on my Mac:

A screenshot of a computer program

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