

Day 69 Task

Install React.js, React Element and Render Function

1.Install React.js ?

Prerequisites:

- **Node.js and npm:** Ensure you have Node.js and npm installed on your system. You can download them from the official Node.js website (<https://nodejs.org/>).

Installation Steps:

1. Open your terminal or command prompt.
2. Create a new project directory and navigate to it.
3. Initialize a new npm project.
4. Install React and ReactDOM as dependencies.
 - a. Install react globally:

```
C:\Users\ACT-C5-23\Desktop\New folder\Day 69>npm i create-react-app -g
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated uid-number@0.0.6: This package is no longer supported.
npm warn deprecated fstream-ignore@1.0.5: This package is no longer supported.
npm warn deprecated rimraf@2.7.1: Rimraf versions prior to v4 are no longer supported
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated fstream@1.0.12: This package is no longer supported.
npm warn deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.

added 64 packages in 4s

4 packages are looking for funding
  run `npm fund` for details
```

b. Create react project:

```
run 'npm fund' for details
C:\Users\ACT-C5-23\Desktop\New folder\Day 69>npx create-react-app myfirstreactproject
Creating a new React app in C:\Users\ACT-C5-23\Desktop\New folder\Day 69\myfirstreactproject.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

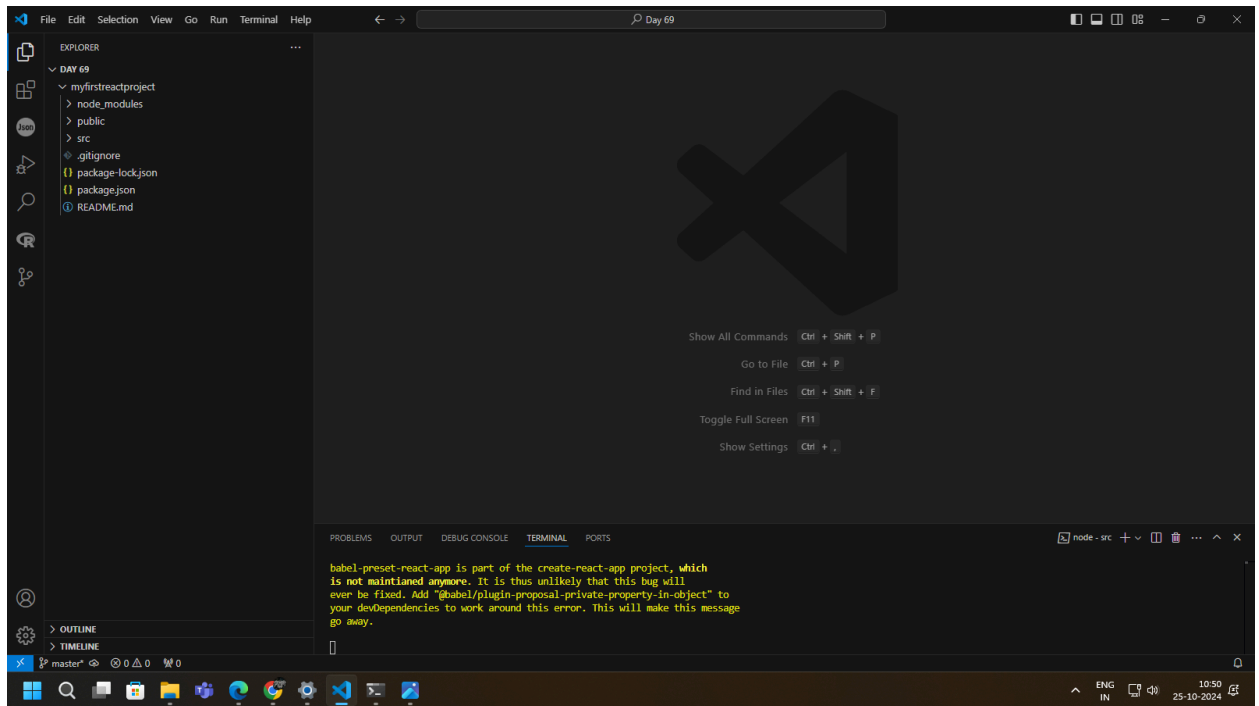
added 1472 packages in 37s
258 packages are looking for funding
  run 'npm fund' for details
Initialized a git repository.
Installing template dependencies using npm...
added 69 packages, and changed 1 package in 5s
262 packages are looking for funding
  run 'npm fund' for details
Removing template package using npm...

removed 1 package, and audited 1541 packages in 3s
262 packages are looking for funding
  run 'npm fund' for details
8 vulnerabilities (2 moderate, 6 high)
To address all issues (including breaking changes), run:
  npm audit fix --force
Run 'npm audit' for details.
Git commit not created Error: Command failed: git commit -m "Initialize project using Create React App"
    at genericNodeError (node:internal/errors:983:15)
    at wrappedFn (node:internal/errors:537:14)
    at checkExecSyncError (node:child_process:890:11)
    at execSync (node:child_process:962:15)
```

```
258 packages are looking for funding
  run 'npm fund' for details
Initialized a git repository.
Installing template dependencies using npm...
added 69 packages, and changed 1 package in 5s
262 packages are looking for funding
  run 'npm fund' for details
Removing template package using npm...

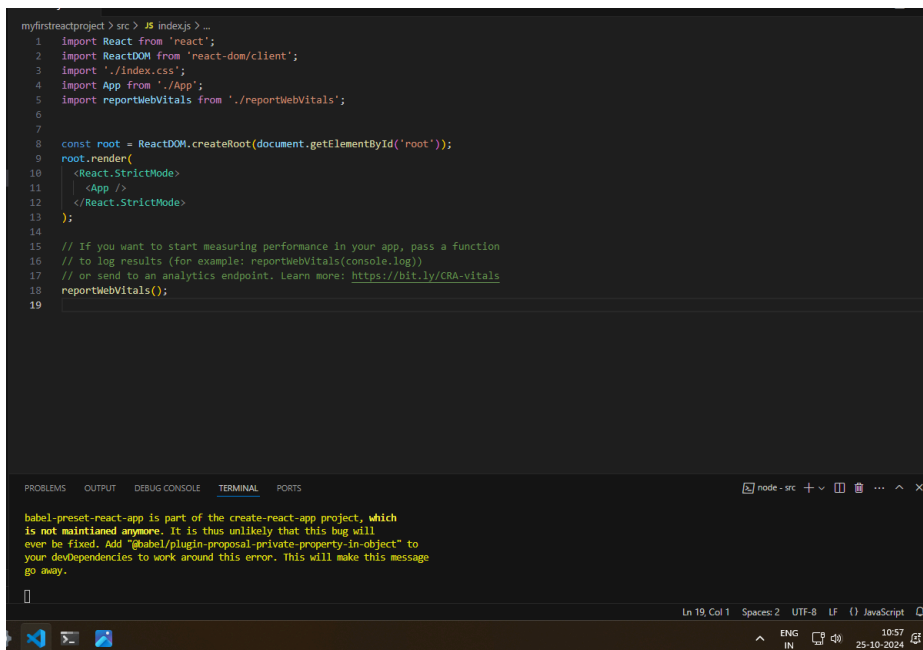
removed 1 package, and audited 1541 packages in 3s
262 packages are looking for funding
  run 'npm fund' for details
8 vulnerabilities (2 moderate, 6 high)
To address all issues (including breaking changes), run:
  npm audit fix --force
Run 'npm audit' for details.
Git commit not created Error: Command failed: git commit -m "Initialize project using Create React App"
    at genericNodeError (node:internal/errors:983:15)
    at wrappedFn (node:internal/errors:537:14)
    at checkExecSyncError (node:child_process:890:11)
    at execSync (node:child_process:962:15)
    at tryGitCommit (C:\Users\ACT-C5-23\Desktop\New folder\Day 69\myfirstreactproject\node_modules\react-scripts\scripts\init.js:62:5)
    at module.exports (C:\Users\ACT-C5-23\Desktop\New folder\Day 69\myfirstreactproject\node_modules\react-scripts\scripts\init.js:350:25)
    at [eval]:3:14
    at runScriptInThisContext (node:internal/vm:209:10)
    at node:internal/process/execution:118:14
    at [eval]-wrapper:6:24 {
  status: 128,
  signal: null,
  output: [ null, null, null ],
  pid: 13112,
  stdout: null,
  stderr: null
}
```

6. Final file structure:



2. Create a React element and render the React element using ReactDOM?

Code:



output:

