

Last Session

Nav Bar

Vite

- used to create react application
- dependencies are preinstalled
- and those dependencies are pre configured
- simple and easy to install and configure other libraries
- Provides Optimized code for Production
- Internally it provides a development server, so start, stop and loading of the application or project is taken care by the Development server

CRA

- used to create react application(but it takes lot of time)
- performance of the application is little slow compared to app created using Vite tool

Before creating the React Application -- you need to install nodejs

Create a Basic React Application using Vite

<https://vitejs.dev>

1. Create a folder in any drive and open it in any terminal
2. Add the following command to create REact Application
npm create vite@latest
3. Give the Name of the Project
4. Select React Option
5. Change the directory to the react application.

cd <reactapp-name>
6. Add the following command

npm install
7. open the React App in Vs Code
8. Open the Terminal and add the following commands to run development server

npm run dev
9. Open the browser and the following url to access React Application

<http://localhost:5173/>

```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.22621.3593]
(c) Microsoft Corporation. All rights reserved.

E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React>npm create vite@latest
✓ Project name: ... appdemo
✓ Select a framework: » React
✓ Select a variant: » JavaScript

Scaffolding project in E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React\appdemo...

Done. Now run:

  cd appdemo
  npm install
  npm run dev

E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React>
```

```
C:\Windows\System32\cmd.e x + v
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Done. Now run:

  cd appdemo
  npm install
  npm run dev

E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React>cd appdemo

E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React\appdemo>npm install
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 rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm WARN deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported

added 278 packages, and audited 279 packages in 1m

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

found 0 vulnerabilities

E:\01_TRAINING\03_AIT\Main_Batches\01_Morning_8AM\React\appdemo>code .
```

