Getting Started

We are delighted to welcome you to the Take Home Session by Crio.Do . Before we begin our learning adventure, we recommend that you complete the following prerequisites to ensure a smooth learning experience during the sessions.

Step 1: Development Environment:

During our sessions, you will work on your local system to simulate real-world take-home assignments. Make sure the following tools are installed.

1. Visual Studio Code (VSCode) IDE: https://code.visualstudio.com/download

After installing VSCode, open it and head over to the extensions tab on the left. Search and install the following extensions:

- a. ES7+ React/Redux/React-Native snippets:
 https://marketplace.visualstudio.com/items?itemName=dsznajder.es7-react-js-snip
 pets
- b. ESLint:
 - https://marketplace.visualstudio.com/items?itemName=dbaeumer.vscode-eslint
- c. Prettier: https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode
- d. Color Highlight: https://github.com/naumovs/vscode-ext-color-highlight

Configure the following settings in VSCode:

- a. Go to File > Preferences > Type "autosave" in search box > Choose "onFocusChange" > Close the settings tab
- 2. NodeJS LTS version: https://nodejs.org/en/download/

After installing, restart your system and open terminal/command prompt and type "node -v". This should return the version number. If it says command not found, it means that your setup is incorrect and you might have to try again.

3. **GIT**: https://git-scm.com/downloads

Step 2 : Base Repository:

To provide some dummy content and readme, you have to fork (create a copy) of our git repository.

- 1. Go to this GitHub repository.
- 2. Click Fork and proceed with the steps.
- 3. Now the repository would have been created under your account.
- 4. Clone this repository in your system. (Check online on how to clone repo)
- 5. Open this repository in VSCode.
- 6. Create a sample.txt file inside the repo (This is to check if our git installation is working correctly)
- 7. **CRA** (create-react-app): https://create-react-app.dev/docs/getting-started

Open terminal in VS code and change the working directory to your project folder(which will be empty initially) and then execute the following commands:

```
npx create-react-app qtify
cd qtify
npm start
```

8. Go to package.json file, in it go to the "scripts" part, and in it to the value of "build" add CI=". So, build should look like this:

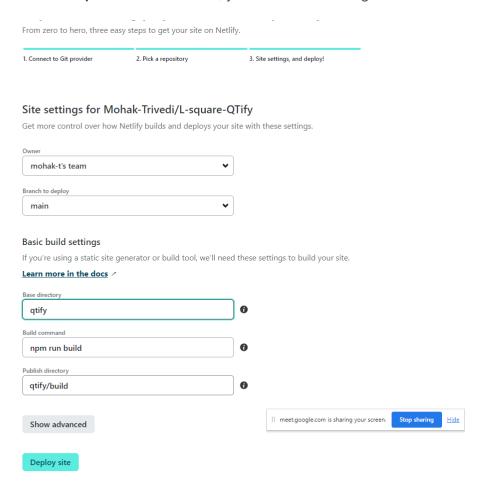
```
"build": "CI='' react-scripts build",
```

- 9. Open the terminal inside vscode, and type "git add." and press enter.
- 10. Type "git commit -m 'Test commit'" and press enter.
- 11. Type "git push"
- 12. It should ask you for your credentials like username and password. For the username, enter your github ID/github email ID and for password, follow these steps.
- 13. Head over to https://github.com/settings/tokens and Generate new token (classic). Give the name as "crio-take-home", choose expiration as "No expiration" and click the entire "repo" checkmark and create a token.
- 14. You will now see a token on the screen. Copy and paste this in a safe place like notepad. Go back to vscode and paste this token in the password field.
- 15. Check if the file got pushed to your repository. You can visit the repo on your profile in the browser and check.
- 16. Congratulations! Your git setup is complete

Step 3: Netlify Continuous Deployment (from GitHub):

Please follow the steps listed <u>here</u>.

Please make sure at **Step 5 in the above link**, you fill in the following details:



Once the above steps are done, please fill this <u>form</u> to share your GitHub repo.

