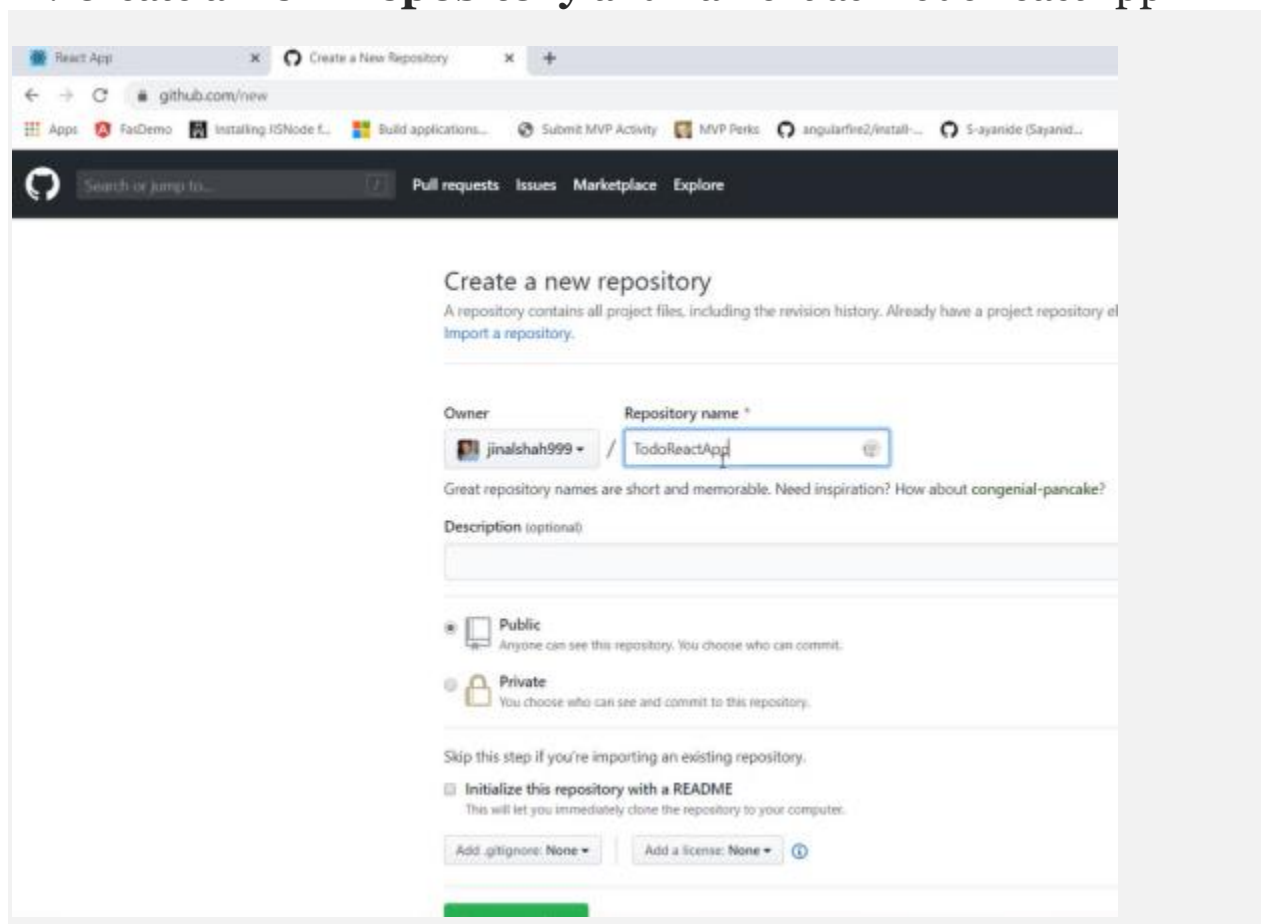


DEPLOY REACT PROJECT ON GITHUB

Here are the Steps to Publish your React application to Github:

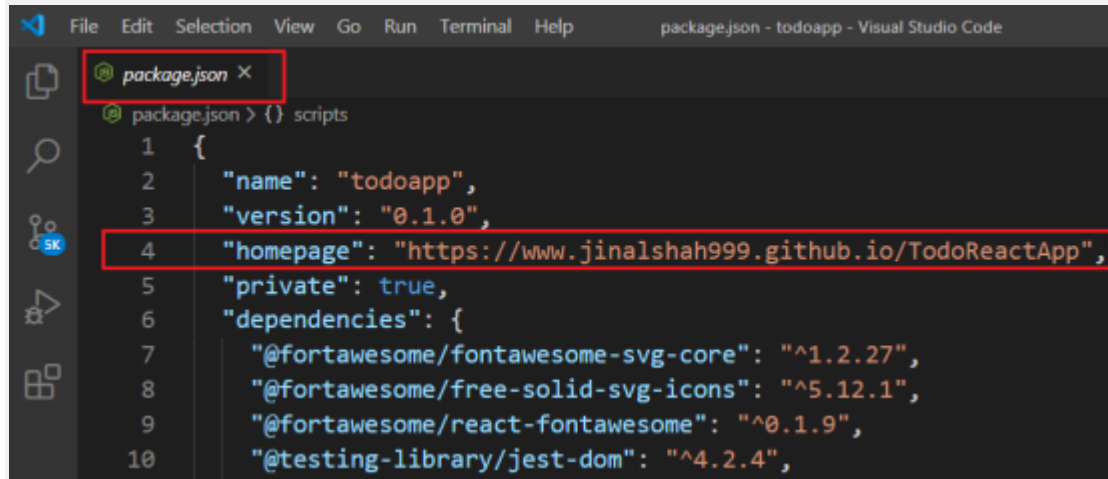
1. Firstly, visit the <https://github.com/login> and **log in** there.
2. Create a **New Repository** and name it as 'TodoReactApp'



3. Now open your ToDo app in Visual Studio Code and then open the **package.json** file.

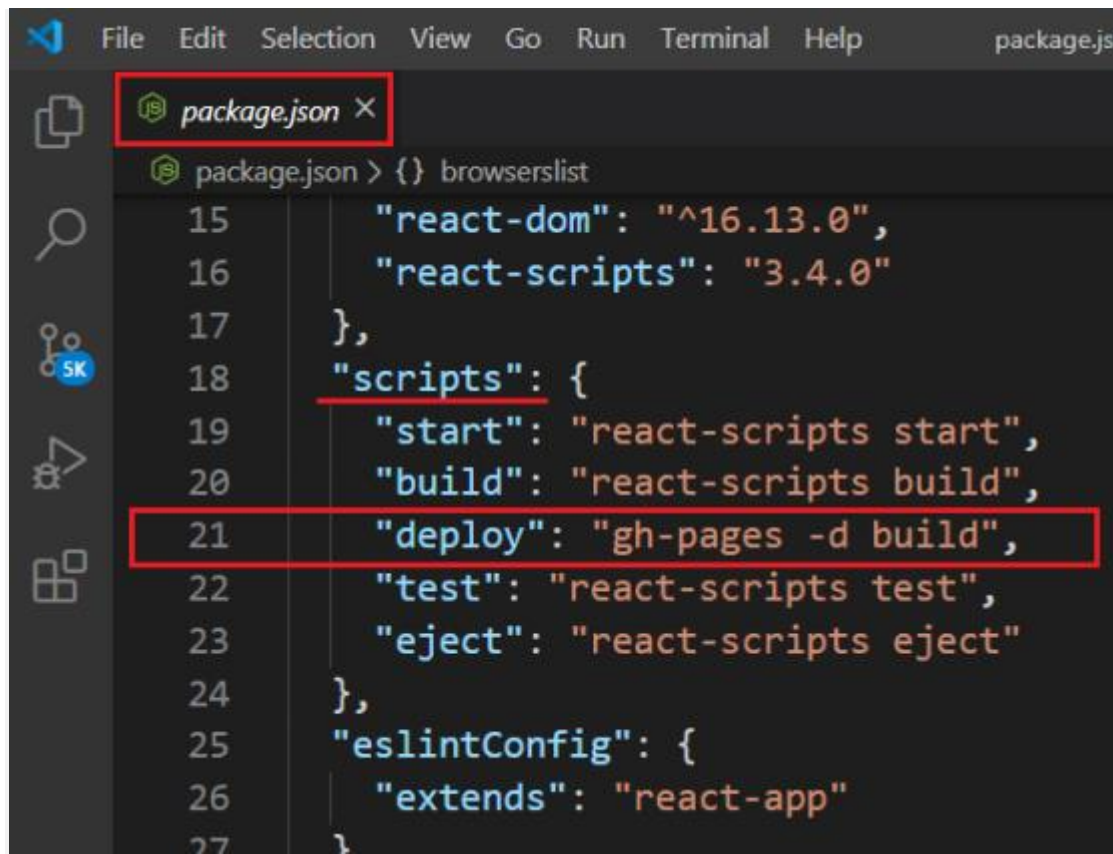
Here in package.json, create a property as “**homepage**” and give it a value like —

”<https://www.yourgithubusername.github.io/reponame>”

A screenshot of the Visual Studio Code editor interface. The top bar shows the menu (File, Edit, Selection, View, Go, Run, Terminal, Help) and the file name 'package.json - todoapp - Visual Studio Code'. The left sidebar shows the Explorer view with 'package.json' selected. The main editor area shows the content of 'package.json' with line numbers 1 through 10. The JSON content is: { "name": "todoapp", "version": "0.1.0", "homepage": "https://www.jinalshah999.github.io/ToDoReactApp", "private": true, "dependencies": { "@fortawesome/fontawesome-svg-core": "^1.2.27", "@fortawesome/free-solid-svg-icons": "^5.12.1", "@fortawesome/react-fontawesome": "^0.1.9", "@testing-library/jest-dom": "^4.2.4", ... } The line containing the 'homepage' property (line 4) is highlighted with a red rectangular box.

4. Now in this **package.json** also add one “**deploy**” property inside scripts:

```
"deploy" : "gh-pages -d build"
```

A screenshot of the Visual Studio Code editor interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The file explorer on the left shows a file named 'package.json' which is highlighted with a red box. The main editor area displays the content of 'package.json'. The file starts with 'package.json > {} browserslist'. The content includes dependencies for 'react-dom' and 'react-scripts', a 'scripts' object with 'start', 'build', 'deploy', 'test', and 'eject' commands, and an 'eslintConfig' object. The 'deploy' command, 'gh-pages -d build', is highlighted with a red box. The line numbers 15 through 27 are visible on the left side of the editor.

```
15     "react-dom": "^16.13.0",
16     "react-scripts": "3.4.0"
17   },
18   "scripts": {
19     "start": "react-scripts start",
20     "build": "react-scripts build",
21     "deploy": "gh-pages -d build",
22     "test": "react-scripts test",
23     "eject": "react-scripts eject"
24   },
25   "eslintConfig": {
26     "extends": "react-app"
27   }
```

5. Now we can **Publish** this app to Github:

So open up your terminal and write the following commands:

```
git remote add origin
https://github.com/yourusername/ToDoReactApp.git
git remote set-url
origin https://github.com/yourusername/ToDoReactApp.git
npm run
build
```

So now our Production Build is ready.

You can open the directory structure and you can see the **Build folder** is generated.

6. Finally, we will **Deploy** this Build, so write the following command:

```
npm install gh-pages --save-dev
```

(this is the gh-pages tool and we have given its reference in package.json)

```
npm run deploy
```

So now our app is Published on github.... Yeah...!!

7. You can now go to the github.com and open to your **Repository's Settings**, scroll down up to Github pages section and you can see the **URL** where your app is running live.!