

DEPLOY REACT APP ON GH-PAGES

Step 1: Make your react-app as GitHub repository.

Open command prompt in your react-app folder and do the below steps to make your react-app as github repository.

```
git init
git add .
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/skylinedude/text-utils.git
git push -u origin main
```

Step 2: install these packages in your react-app project

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

@babel/plugin-transform-private-property-in-object (if you have this dependency In your package.json file skip this one).

Step 3: Open your package.json file and add homepage field to your project.

```
"homepage": "https://myusername.github.io/my-app",
```

Replace with your
github username

Replace with your react-
app repository name

Example:

```
{
  "homepage": "https://skylinedude.github.io/skyline",
  "name": "skyline",
  "version": "0.1.0",
  "private": true,
```

Step 4: Add the following scripts in your package.json:

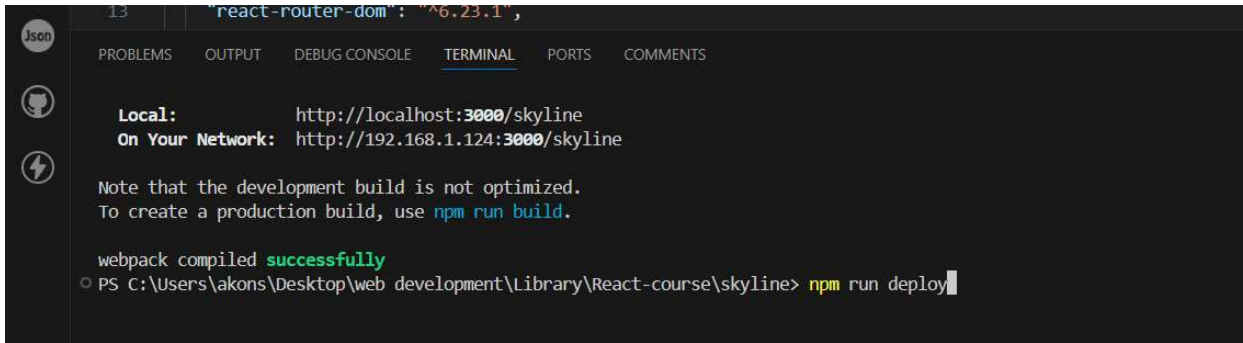
```
"scripts": {
+ "predeploy": "npm run build",
+ "deploy": "gh-pages -d build",
  "start": "react-scripts start",
  "build": "react-scripts build",
```

Add these two scripts

Example:

```
"scripts": {
  "predeploy": "npm run build",
  "deploy": "gh-pages -d build",
  "start": "react-scripts start",
  "build": "react-scripts build",
```

Step 5: Step 3: Deploy the site by running “npm run deploy” and wait for few minutes until the app gets deployed.



The screenshot shows the VS Code interface with the 'TERMINAL' tab active. The terminal output displays the following information:

```
react-router-dom: ^6.23.1,  
Local: http://localhost:3000/skyline  
On Your Network: http://192.168.1.124:3000/skyline  
  
Note that the development build is not optimized.  
To create a production build, use npm run build.  
  
webpack compiled successfully  
PS C:\Users\akons\Desktop\web development\Library\React-course\skyline> npm run deploy
```

Step 6: For a project page, ensure your project’s settings use gh-pages.

Open your github repo and go to the settings and go to the pages option and set the brach as gh-pages

