

These are the steps to open GitHub account and saving our local programs from our PC to our GitHub repository.

1. Open <https://github.com/>, register yourself using valid email ID.
2. Download GitHub from <https://desktop.github.com/> and install it.
3. To check for GitHub on your PC, open command prompt and type “git --version” and you can see the GitHub version as below.

```
C:\>git --version
git version 2.30.2.windows.1
C:\>
```

4. Download and install sublime-text-3 from <https://www.sublimetext.com/3> according to your operating system (WIN/iOS/Linux..)
5. Download and install node.js using <https://nodejs.org/en/download/> according to your OS.
6. To check node.js existence on your PC, open command prompt and type “node --version” and “npm --version” and it displays the version as below.

```
C:\>node --version
v14.16.0
C:\>
```

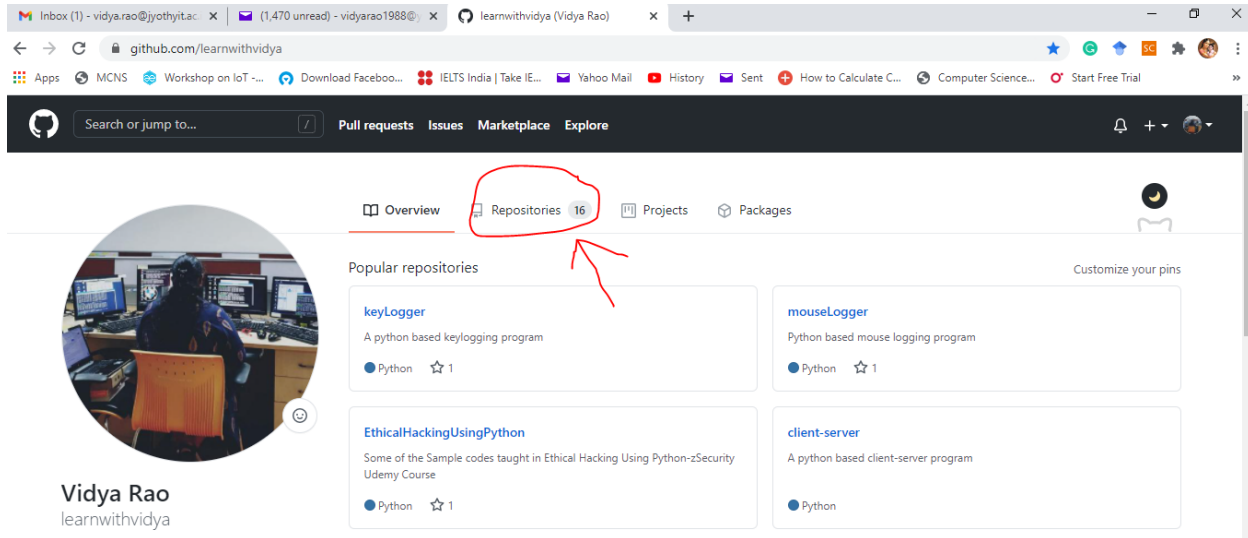
```
C:\>npm --version
6.14.11
C:\>
```

7. Now to install Browser-Sync, run the following command “npm install -g browser-sync” and reopen the command prompt and type “browser-sync --version” as below.

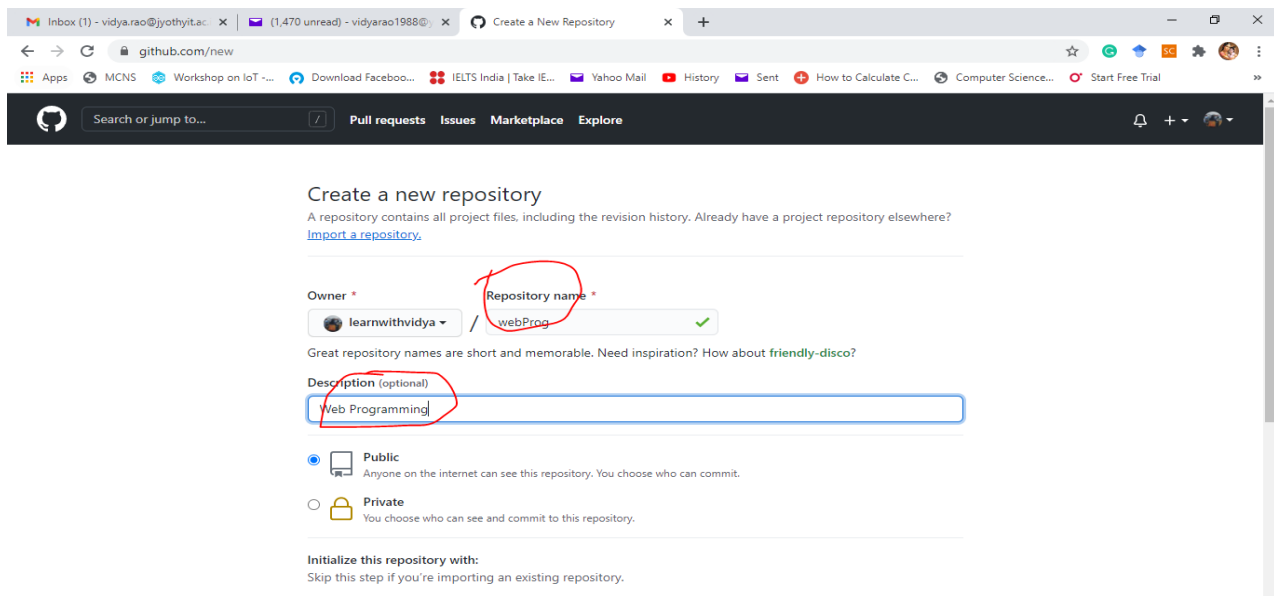
```
C:\>browser-sync --version
2.26.14
C:\>
```

How to write code in Sublime Text and uploading into your GitHub repository.

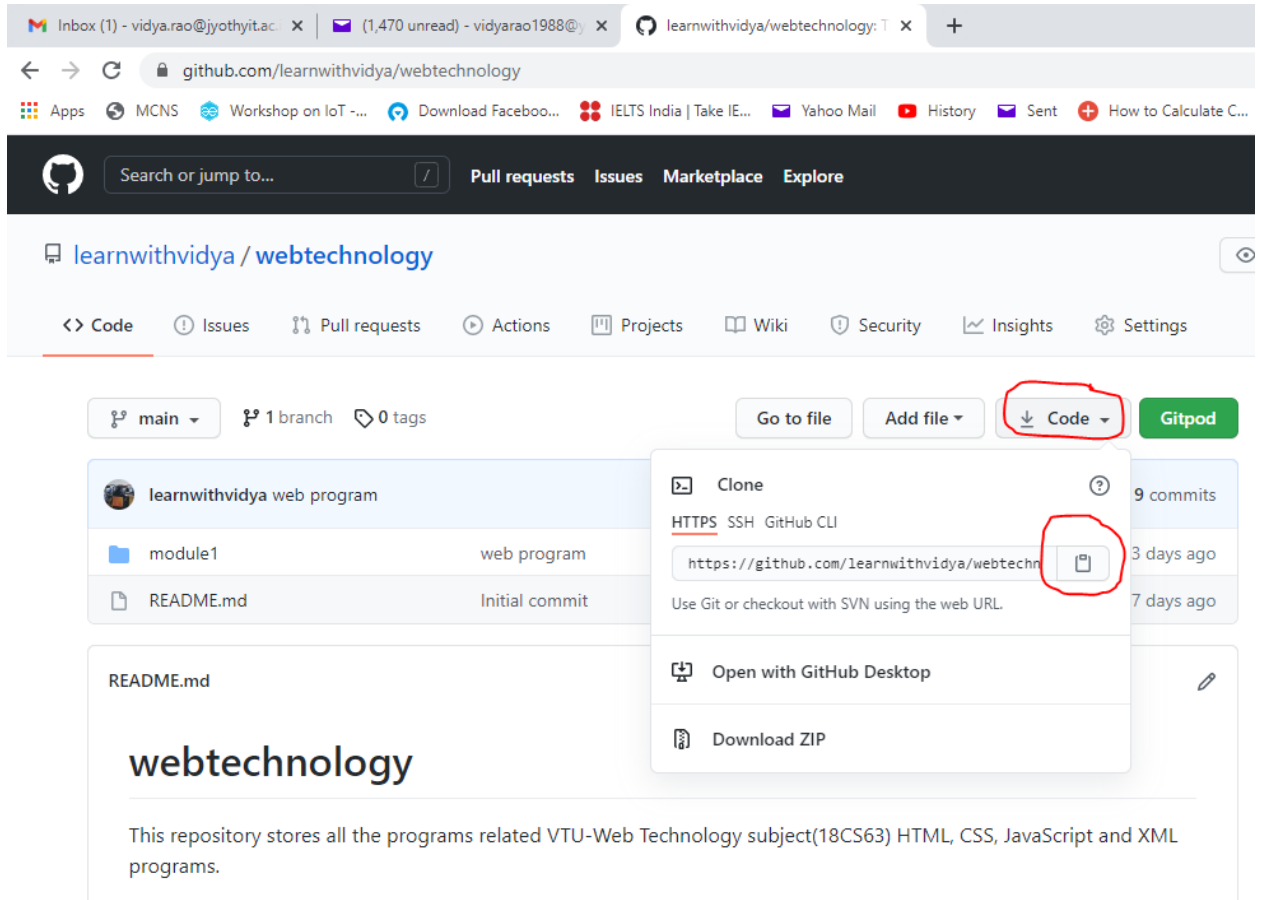
1. Create a repository in your GitHub page.
 - a. Go to your GitHub page and click on “repositories”



- b. Under “repositories” click on NEW (a green color button) the you get a page like below. (note: repository name Your_USN_WT)



- c. Under the page type desired repository name and description as shown above.
 - d. And scroll down and click “create repository” and you can the repository being displayed under your account.
2. Once the repository is created, click on the repository and click on “code” and the click on the copy logo as shown below.



3. This “copy” action will copy the HTTPS cloneable link.
4. Open a command prompt and type the following.

Git clone <https://github.com/learnwithvidya/webtechnology.git>

5. This will create a folder “webtechnology” under your C->User->YourName (as per my PC). (*Note: webtechnology will be replaced by your repository name as “Your_USN_WT”*)

6. In the same command prompt, type dir (if WIN, if Linux type ls) this will list all the files under the directory where we can see “webtechnology” folder. (*Note: webtechnology will be replaced by your repository name as “Your_USN_WT”*)

```
C:\Users\Vidya Rao>dir
Volume in drive C has no label.
Volume Serial Number is 30CA-0C3D

Directory of C:\Users\Vidya Rao

19-04-2021  09:19    <DIR>          .
19-04-2021  09:19    <DIR>          ..
08-04-2021  10:38    <DIR>          PycharmProjects
24-01-2021  01:42    <DIR>          Saved Games
24-01-2021  01:44    <DIR>          Searches
24-01-2021  09:50    <DIR>          Videos
08-04-2021  13:00    <DIR>          VirtualBox VMs
16-04-2021  16:08    <DIR>          webtechnology
                2 File(s)      1,191,002 bytes
                28 Dir(s)  114,596,868,096 bytes free
```

7. Now we must move inside that folder to start our programming, type “cd webtechnology” then we can see the directory changing.

```
C:\Users\Vidya Rao>cd webtechnology
C:\Users\Vidya Rao\webtechnology>
```

8. Now in the same command prompt type following commands.
- a. git status (enter)
 - b. git checkout gh-pages (enter)
 - c. mkdir Your_USN_assignment1 (enter)—create a folder
 - d. cd module1Assignment (*Note: module1 will be replaced by your folder name as “Your_USN_assignment1”*)

```
C:\Users\Vidya Rao\webtechnology>cd module1
C:\Users\Vidya Rao\webtechnology\module1>
```

9. Open sublime-text, create a file and save it as “filename.html” under the “Your_USN_Assignment1” folder. (.html is a must for HTML files).
10. Type the HTML code and press “ctrl+s” to save the file.
11. Go to command prompt and type “git status”, it will say your branch need to be updated.
12. Now type “**git add .**” (git add dot)—this will commit all files under the folder.
13. Now type “git status”--- it will ask for committing globally.
14. Now type “git commit -m “any text” (enter)...this will generate error only at the first time commit. Do the following inside the box.

<pre>git config --global user.email "your_github_email_ID" (enter) git config --global user.name "your_github_user_name" (enter)</pre>

15. Now type the following
 - a. git commit -m “any text”
 - b. git status
 - c. git push
16. you can check if the file is saved under your GitHub repository.

<p><i>GitHub commands: status → add → commit → push</i></p>
