

Pushing your commits on Github

Step 1:

Windows Users- Install git for Windows (Mac Users see instructions below). Go to this link, download & install - <https://git-scm.com/download/win>

Mac Users- Install Xcode from App Store

Step 2: Open VS Code, click File > Open Folder > Select "Github" folder on your PC

Step 3: Click Terminal on top menu bar on VS Code > New Terminal

Step 4: Set up git on your pc with these commands -

```
git --version
```

[this will show you your git version installed on the pc]

```
git config --global user.name "your-username-on-github"
```

```
git config --global user.email "your-email-on-github"
```

```
git config --global --list
```

[this will show you your github account config]

Step 5: Push your code using a commit -

```
git init
```

```
git remote add origin your-github-repo-url
```

```
git remote -v
```

[it should show your origin as the github project url]

[this should show you're on the main branch]

Step 6: Add new untracked files to a commit

```
git status
```

[this should show your untracked files/folders like Arduino & python folder you have]

```
git add .
```

```
git commit -m "first ever commit"
```

Step 7: Create a new branch & switch to the main branch

```
git branch -c main
```

```
git checkout main
```

```
git branch
```

Step 8: Push recent changes to Github

```
git push origin main -f
```

Step 8: Add a new file inside your Arduino folder

```
git status
```

[this should show your untracked files/folders like Arduino & python folder you have]

```
git add .
```

```
git commit -m "new message for the commit"
```

```
git push origin main
```

**Learn more about how to use git from terminal - <https://education.github.com/git-cheat-sheet-education.pdf>*