

# Very Cool Instructions

(feel free to ask me, Cindy, or Rohan for help, I'll add images later)

## 1. Download Git

(you may already have git on your laptop)

To Do So:

- Open command prompt/terminal on your computer
- type in git -v
- > if a line starting with 'git version' appears, skip to the next section. Otherwise continue
- Search up git on your web browser
- Download for your os the latest version

## 2. Set Up Git

To Do So:

- Open Terminal (in VS Code or Command Prompt)
- In terminal type (just copy each line):
  - git config --global user.name "Your Name" -> put name of your choice in quotations
  - git config --global user.email "[youremail@yourdomain.com](mailto:youremail@yourdomain.com)" -> use your git email

## 3. Clone the Repository on VS code

(unnecessary, but recommended if you don't know how to access a repo from an IDE)

(Troubleshooting: [Help](#) )

To Do So:

### **Option 1: Without Downloads**

- Download VS Code (search it up on google)
- Open a random file, and go to extensions on the bar on left
- Click on it and search up "GitHub Codespaces"
- Download it (unnecessary, but will make things easier)
- Go back to where your file is
- Click source control on the left
- Click clone repository
- Click clone github repository
- Click on coffinfishing/ducksquad url
- If you can't find the url:

- Go back to the duck squad repository
- Click the green code button
- Click the copy button beside the link
- Go back to the clone repository button in VS Code and paste the link
- Put the Repository in a folder you will remember

### **Option 2: With Downloads, but possibly easier**

- Download github desktop
- Sign in
- Click on ducksquad
- Click clone
- Open in vscode

### **3. Test Your Clone Works**

(this is a bit finicky, so you might have to ask me for help, it's very fun).

To Do So:

(note: if a github login screen appears at anypoint in time, click login with browser, allow github to access your credentials in the browser, and redo the steps from the beginning)

- Go to the DuckToDo.txt file in the explorer
- Type a very cool instruction under
- Input Control S
- Go to source control (on the left)
- Hover over the DuckToDo file and click the plus sign
- Click commit
- Type a very easy to recognise message (keep it short)
- Input Control S
- Hit the checkmark at the top right
- Input Control Shift P
- Type and Click on git push
- Go to the duck squad repository
- Look for the DuckToDo file and check if the words beside it match your message
- If it does, you are good to go! If not, ask me, Rohan, or Cindy for help

### **4. Create a Branch**

(or ask me to make one for you)

To Do So:

**Option 1: In GitHub**

- Go to the duck squad repo
- Click 'main' underneath the pull request tab towards the upper left
- Type in your branch name
- Click on main again and tap on your new branch, make sure you are now in the branch
- Proceed to the access branch section

**Option 2: In VS code**

- Go to your source control (on the left bar)
- Input Control Shift P (on yo keyboard)
- Search Git: Checkout to
  - Click 'new branch from' option
  - Click main
  - Name your branch (with your very cool name)

**5. Access your branch**

To Do So:

**Option 1: HIGHLY RECOMMENDED FOR THE FIRST TIME**

- Click Source Control (on the left)
- Click on the three dots beside the name on the right
- Go to view and enable/click on Source Control Repositories
- Beside ducksquad, there should be a blobby thing and the word main (if you did option 2 and created your branch in VS Code, instead of main, it should be your branch name)
  - Click on main (if it isn't your branch name)
  - Search for your branch name and click on it
  - Note: all the branches here are other peoples', you can access and edit and their stuff here, but please stick in your own branch

**Option 2: For lame people who don't listen to the recommended**

- Click View at the top of VS Code
- Click Terminal
- In Terminal type: git checkout branchName (replace branch name with the name of your branch)
- If any errors persist, please alert me and go back to option 2 in make your branch and choose a new name

## **6. Code!**

To Do So:

- Add a file and whatever you want to do! (Just try to keep it in your own branch, and ask before merging to the main)

- Check the GitHub Quick Start File for brief intro to pulling, pushing, merging, and committing (TBA), which would really be all I think you need to work the repo

- Please don't mess around in other people's branches without permission, and avoid working directly in the main branch.

- Have fun! And don't be scared to break everything! (I mean I already broke a rover and that cost money, so you'll be fine...)