

# How to Clone a Repo and Add Files

1. Set up your credentials
  - a. **git config --global user.name "firstname lastname"**
  - b. **git config --global user.email "valid-email"**
  - c. Use **git config --list** to check that your credentials have been updated.
2. Create a repository called CS111-Notes on your GitHub account
  - a. Click on your profile image in the top right corner.
  - b. Click on **repositories** from the drop down menu.
  - c. Click the **New** button once on the repositories page.
  - d. Name the repository **CS111-Notes**
  - e. Add a description.
  - f. Choose private if you don't want others to have access to your notes.
  - g. Check the **README box**
  - h. Click the **Create Repository Button**
3. Clone your CS111-Notes repository.
  - a. Click the green **Clone or Download** button on your repository page.
  - b. Copy the URL
  - c. Choose a location to clone your repo - the Desktop or somewhere easy to locate.
  - d. Navigate to your preferred directory using "cd" which stands for change directory.
  - e. For example: **\$ cd Desktop**, then hit enter
  - f. Check your present working directory by using the command: **pwd**, hit enter
    - i. Ex. /Users/nicholaswadsworth/Desktop/CS111-Notes
  - g. Once you are at your desired directory enter the command: **git clone https://your-repo-url**
  - h. You may need to enter a password. If you run into a problem with passwords on a mac see [this resource](http://help.github.com). Otherwise check out <http://help.github.com> and use the search bar.
4. Add a file to your new repository.
  - a. After you clone your repo, change your directory using the command: **cd CS111-Notes**
  - b. Check your directory again using the **pwd** command.
    - i. /Users/nicholaswadsworth/Desktop/CS111-Notes
  - c. Use the **ls** command to see the files currently in your repository. You should see the README file.
  - d. In the same directory create a new file called firstFile.py by using the command: **touch firstFile.py**
  - e. Open firstFile.py using idle and add a print statement and close the file, use: **idle3 firstFile.py**, to open the file.
5. Push your changes (added firstFile.py) to your remote repository on GitHub

- a. Enter the command **git add firstFile.py** , to add your new file to the staging area in your local repo on your machine.
  - b. Use **git commit -m "add your comment here"**, to commit your file to the local master branch.
  - c. Use the **git push** command to add your new file to your remote repository.
6. Refresh your GitHub CS111-Notes page and you should see that the **firstFile.py** has been added.