# How to Clone a Repo and Add Files

1. Set up your credentials
   1. **git config --global user.name “firstname lastname”**
   2. **git config --global user.email “valid-email”**
   3. Use **git config --list** to check that your credentials have been updated.
2. Create a repository called CS111-Notes on your GitHub account
   1. Click on your profile image in the top right corner.
   2. Click on **repositories** from the drop down menu.
   3. Click the **New** button once on the repositories page.
   4. Name the repository **CS111-Notes**
   5. Add a description.
   6. Choose private if you don’t want others to have access to your notes.
   7. Check the **README box**
   8. Click the **Create Repository Button**
3. Clone your CS111-Notes repository.
   1. Click the green **Clone or Download** button on your repository page.
   2. Copy the URL
   3. Choose a location to clone your repo - the Desktop or somewhere easy to locate.
   4. Navigate to your prefered directory using “cd” which stands for change directory.
   5. For example: **$ cd Desktop,** then hit enter
   6. Check your present working directory by using the command: **pwd,** hit enter
      1. Ex. /Users/nicholaswadsworth/Desktop/CS111-Notes
   7. Once your at your desired directory enter the command: **git clone https://your-repo-url**
   8. You may need to enter a password. If your run into a problem with passwords on a mac see [this resource](https://help.github.com/en/articles/updating-credentials-from-the-osx-keychain). Otherwise check out [http://help.github.com](http://help.github.com/) and use the search bar.
4. Add a file to your new repository.
   1. After you clone your repo, change your directory using the command: **cd CS111-Notes**
   2. Check your directory again using the **pwd** command.
      1. /Users/nicholaswadsworth/Desktop/CS111-Notes
   3. Use the **ls** command to see the files currently in your repository. You should see the README file.
   4. In the same directory create a new file called firstFile.py by using the command: **touch firstFile.py**
   5. 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
   1. Enter the command **git add firstFile.py** , to add your new file to the staging area in your local repo on your machine.
   2. Use **git commit -m “add your comment here”**, to commit your file to the local master branch.
   3. 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.