# Init a repository

When you want to create a repository follow these steps.

1. Go inside the github website and create an empty repository. There you set a name for your repository and you are given a URL address for that
2. Go to the repository setting and add a collaborator if you’d like
3. Go to a convenient folder in your local system using the git shell
4. Locate the git shell path to where you want to have your local repository
5. Enter this command ***git*** *init*
6. Move your project folder to this path
7. Add the files onto the stage ***git*** *add \*.py*
8. Commit them ***git*** *commit –m ’message’*

**If you are doing this for the first time, do the following:**

***git*** *remote add origin RemoteURL*

The system prompts and error and says that the *origin* already exists. So choose some other name for that.

***git*** *remote add github RemoteURL*

No worries, you’ll always have access to this name by this command.

***git*** *remote*

Then you can push.

For the subsequent push operations simply run this command.

***git*** *push <origin> <master>*

\*Trivially, you need to replace your own one with *origin* in the command above. Done!

# Clone a repository

A collaborator should clone the repository only for the 1st time. After that pull and puss are enough for the communication between the local and the remote repositories.

Clone ***git*** *clone git repo address*

\*\* After performing the clone, the repository is copied into the local system, and you’ll need to use cd command to switch into the url and then work with the files.

\*\*You don’t need to init when you are not the creator of the repository. A clone would create the same contents.

# Delete a file from a remote repository

Basically you need to do the following.

1. Pull the remote repository to be sync ***git*** *pull <origin> <master>*
2. Remove the file from your local repository ***git*** *rm filename.py*
3. Commit the remove ***git*** *commit –m ’message’*
4. Push that up ***git*** *push <origin> <master>*

\*Instead of *<origin>* use your origin name, and instead of *<master>* use your branch name.

# Add a new file

In order to add a new file, follow these steps.

1. Add the file to your local repo (head) ***git*** *add filename.py*
2. Commit the file ***git*** *commit –m ’message’*
3. Push the repo ***git*** *push <origin> <master>*

# Update a current file

It is just easier.

1. Commit ***git*** *commit –m ’message’*
2. Push ***git*** *push <origin> <master>*