What is meant by forking in Github ?

Forking is the process characterized by creating a copy (a fork) of a repository. Changes and edits are made to this forked copy that will not immediately affect the original repository. If the changes are satisfactory to the owner of the original repository, these changes are merged to the original repository.

Example:

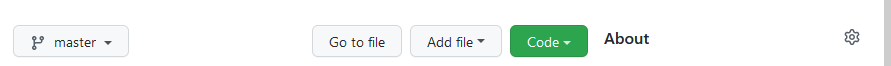
I will use two accounts of mine two illustrate this process.

Account 1 Spingarn1974

Account 2 American2003

Step 1 Go to the Spingarn1974 location and fork a repository. I will be asked which location I would like to fork too. I will choose the American1 location. You are now working on the copy of the original repository

Step 2 Choose a file to edit by clicking on Go to file.



Step 3 select the file that you wish to edit.

Step 4 Click on the pencil and edit. (I will add code and eliminate code)

Step 5 Scroll to the bottom (select the option Commit directly to the master branch) and click on the green tab Commit Changes

Step 6 Now click on *Pull requests* (located at the upper left of the page)

Step 7 Now click on the green tab New Pull Request

Now the owner of the original repository views and processes changes/edits to his or her original repository. The following actions are executed on the account Spingarn1974

Step 8 Scroll and view proposed edits (additions are indicated in green/deletions are indicated in red)

Step 9 Click on the green tab Create Pull Request and click on the green tab Create Pull Request also at the bottom of the page

Step 10 Click on the green tab Merge Pull Request (In the center of the page)

Step 11 Now click on the tab Confirm Merge