GitHub

Create your account.

Create SSH key for current PC.

Define the author name to be used for all commits in the current repository:

git config --global user.name <name>

git config --global user.email <email>

Click the "Fork" button.

Copy the repository URL from a sidebar. git@github.com:<%USER\_NAME%>/sourceIt.git. For example git@github.com:AnnaPavlova/sourceIt.git

Open a console in a desired location and type

$ git clone git@github.com:<%USER\_NAME%>/sourceIt.git

Congratulations you've just cloned a repository from the Github!!!

LOCAL CHANGES

Open any existing file or create a new one in the project's folder.

//To put your changes into the local repository you have to add them into a GIT index.

To add changes into the index type:

$ git add <name\_of\_file or folder>

If you'd like to add all files from a current folder just type

$ git add .

To commit your changes type:

$ git commit

As far as you type it, you'll see you default text editor. To finish the commit - insert a short description of changes you've done.

(Best practise is to use an imperative form in comments)

!!!Tip. If a comment is pretty short - you can use a short form of the commit command

$ git commit -m "Comment"

Moreover, if you've just made changes in existing files you can even ommit addind a code into the repository using -a key in the commit command.

$ git commit -am "Comment"

To publish your code to a remote host you can use a push command.

$ git push <remote\_repository> <branch\_name>

for exapmle:

$ git push origin master

Open you repository on the Github.com and enjoy! You are awesome!

The last step is to create a pull request to the forked repository through a web interface!!!

CREATING A BRANCH

$ git branch <branch\_name>

$ git checkout -b <branch\_name> this command will create and also switch the current branch to a new one.

CHANGING A BRANCH

$ git checkout <branch\_name>

REMOVE A BRANCH

$ git branch -d <branch\_name>

$ git branch -D <branch\_name> if there are a non commited changes in the branch you'd like to remove