Basic GitHub Commnds

git clone : This command is used to create the copy of your repository in which you can make changes(Without affecting the original one).

    Syntax :   git clone https://github.com/peeyush1999/Learning-To-Code.git

                           or

    git clone git@github.com:peeyush1999/Learning-To-Code.git

* User can face connection timeout message while using second command.The reason could be the firewall modification as you are under a network.(In which case they may deliberately block some ports.)

* refer to screenshot at last what kind of error you may get.

git add : This command will add the file to the INDEX (which acts as a staging area) of your local repository.Which is used to commit changes in the repository .

    Syntax : git add helloworld.c

git status : It Shows the working Tree status

    Syntax : git status

git commit : This command will commit changes in your local repository which you have created using "git clone".

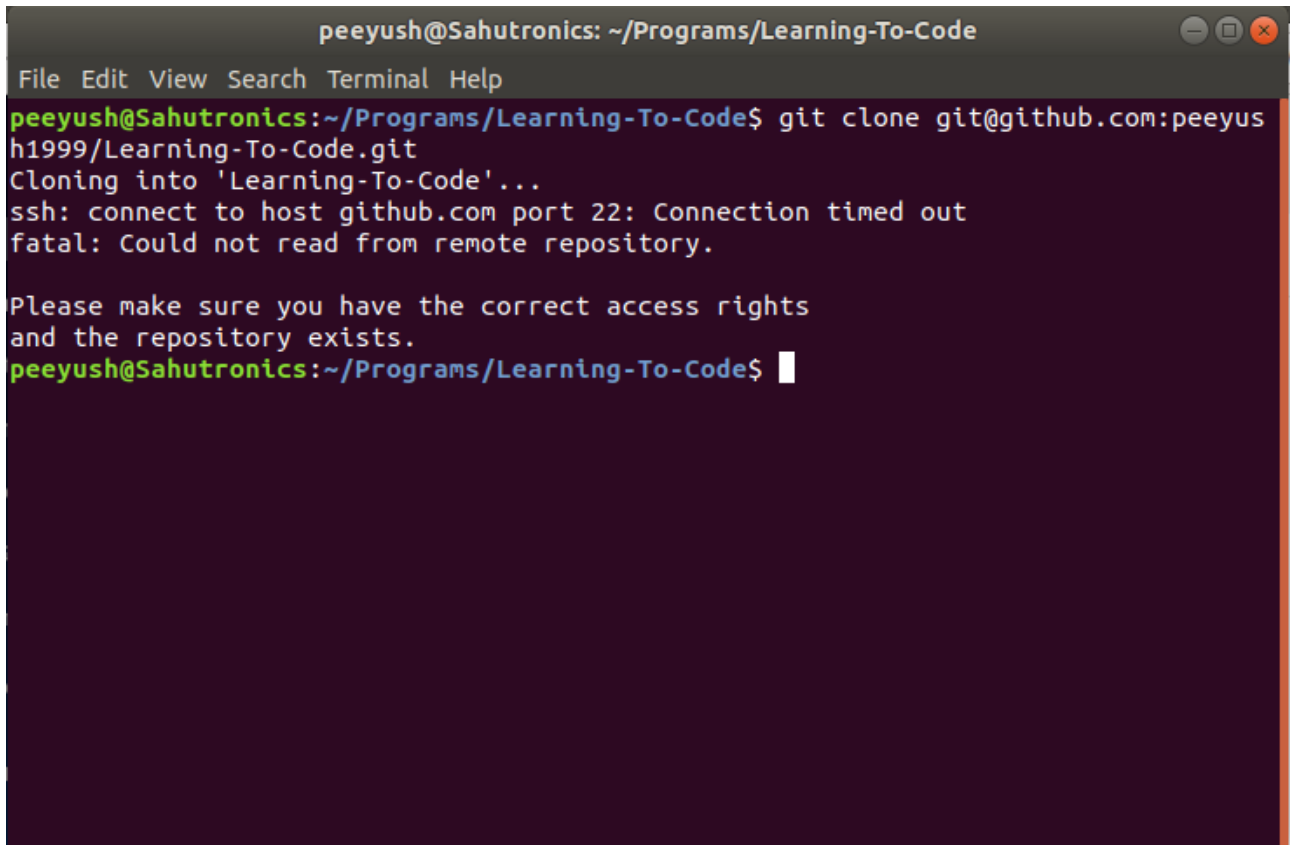   **Syntax :** git commit
                or
          git commit -m "<Your Message>"   -- [This will add message with commit]

git push : This command will help you to push changes which you have made in your local reppository to your remote repository.
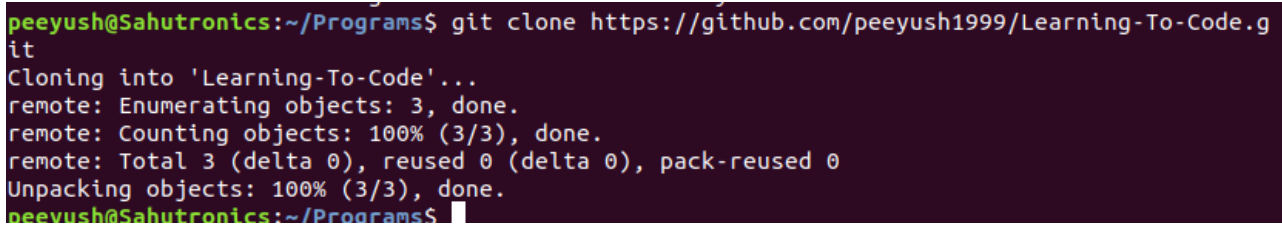
    Syntax : git push origin master

*Change *master* to whatever branch you want to push your changes to.

Screen-Shots


```
peeyush@Sahutronics: ~/Programs/Learning-To-Code
File  Edit  View  Search  Terminal  Help
peeyush@Sahutronics:~/Programs/Learning-To-Code$ git clone git@github.com:peeyus
h1999/Learning-To-Code.git
Cloning into 'Learning-To-Code'...
ssh: connect to host github.com port 22: Connection timed out
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
peeyush@Sahutronics:~/Programs/Learning-To-Code$
```



```
peeyush@Sahutronics:~/Programs$ git clone https://github.com/peeyush1999/Learning-To-Code.g
it
Cloning into 'Learning-To-Code'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
peeyush@Sahutronics:~/Programs$
```

File Edit View Search Terminal Help

```
peeyush
peeyush@Sahutronics:/home$ cd peeyush
peeyush@Sahutronics:~$ cd programs
bash: cd: programs: No such file or directory
peeyush@Sahutronics:~$ ls
Desktop     Downloads          Music       Programs  Templates
Documents   examples.desktop   Pictures    Public     Videos
peeyush@Sahutronics:~$ cd Programs
peeyush@Sahutronics:~/Programs$ cat > helloworld.c
#include<stdio.h>
int main()
{


printf("Hello World");
return 0;
}
^Z
[1]+  Stopped                 cat > helloworld.c
peeyush@Sahutronics:~/Programs$ cat > helloworld.py
print ("Hello World")
^Z
[2]+  Stopped                 cat > helloworld.py
peeyush@Sahutronics:~/Programs$
```

File Edit View Search Terminal Help

```
peeyush@Sahutronics:~/Programs/Learning-To-Code$ git add helloworld.c
peeyush@Sahutronics:~/Programs/Learning-To-Code$ git add helloworld.py
peeyush@Sahutronics:~/Programs/Learning-To-Code$ git status
n branch master
our branch is up to date with 'origin/master'.

hanges to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   helloworld.c
        new file:   helloworld.py
```

peeyush@Sahutron
"sahupeeyushsahu
peeyush@Sahutron
peeyush1999"
peeyush@Sahutron
[master d04e678]
2 files changed
create mode 100(
create mode 100(
peeyush@Sahutron

peeyush@Sahutronics:~/Programs/Learning-To-Code$ git push origin master
Username for 'https://github.com': peeyush1999
Password for 'https://peeyush1999@github.com':
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 415 bytes | 415.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/peeyush1999/Learning-To-Code.git
   098db18..d04e678 master -> master
peeyush@Sahutronics:~/Programs/Learning-To-Code$

peeyush1999 / Learning-To-Code

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2 commits   1 branch   0 releases   1 contributor

Branch: master ▾   New pull request   Create new file | Upload files | Find file | Clone or download ▾

peeyush1999 My First Commit   Latest commit d04e678 2 minutes ago

README.md   Create README.md   33 minutes ago
hello.py   My First Commit   2 minutes ago
helloworld.c   My First Commit   2 minutes ago

README.md

Learning-To-Code

github tutorial