

diwakar@diwakar-HP-Laptop-15-da0xxx: ~

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ sudo apt-get install git --> THIS COMMAND IS FOR INSTALLTION OF GIT
[sudo] password for diwakar:
Sorry, try again.
[sudo] password for diwakar:
Reading package lists... Done
Building dependency tree
Reading state information... Done
git is already the newest version (1:2.25.1-1ubuntu3.2).
The following package was automatically installed and is no longer required:
  libfwupdplugin1
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ git --version --TO CHECK THE GIT VERSION INSTALLED IN OS
git version 2.25.1
```



diwakar@diwakar-HP-Laptop-15-da0xxx: ~

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ $ git config --global user.email "eparis@atlassian.com" ---> TO SET THE EMAIL TO GIT  
$ command not found
```



```
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ ls -- TO LIST ALL THE FILES OF DIRECTORY
```

```
apport.save          cmpt100          countdown_project  Desktop          'github token'
'c++ course coding ninjas' 'c++ new course' Cpp-Prograrms     Documents        git_workspace
'c++ important stuff'   'coding ninjas course' cppsolutions      Downloads       javascript
```

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ cd Programs_01
```

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Programs_01$ ls
```

```
2darrays.cpp  arraymodule.cpp  exercise.cpp      'lec7 Bitwiseoperators.cpp'  lecture1.cpp
array3.cpp     classs.cpp       functionexercise.cpp 'lec 8 array.cpp'           lecture2.cpp
```

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Programs_01$ git init --TO INITIATE GIT IN THE DIRECTORY
```

```
Initialized empty Git repository in /home/diwakar/Programs_01/.git/
```

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Programs_01$ git status --TO CHECK(OR TRACK) THE STATUS
On branch master --MASTER IS THE INBUILT BRANCH
```

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

2darrays.cpp
array3.cpp
arraymodule.cpp
classs.cpp
exercise.cpp
functionexercise.cpp
lec 8 array.cpp
lec7 Bitwiseoperators.cpp
lecture1.cpp



THESE FILES ARE IN RED COLOR BECAUSE THESE FILES NEED TO ADD AND GET COMMITTED

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

```
new file:   2darrays.cpp
new file:   array3.cpp
new file:   arraymodule.cpp
new file:   classs.cpp
new file:   exercise.cpp
new file:   functionexercise.cpp
new file:   lec 8 array.cpp
new file:   lec7 Bitwiseoperators.cpp
new file:   lecture1.cpp
new file:   lecture2.cpp
new file:   lecture3 pointer.cpp
new file:   lecture4 loops.cpp
new file:   lecture5 patterns.cpp
new file:   lecture6 character pattern.cpp
new file:   newexercises.cpp
```

```
dlwakar@dlwakar-HP-Laptop-15-da0xxx:~/Programs_01$ git commit -m "Initial commit"
```

```
[master (root-commit) 6806e6c] Initial commit
```

```
15 files changed, 2180 insertions(+)
```

```
create mode 100644 2darrays.cpp
create mode 100644 array3.cpp
create mode 100644 arraymodule.cpp
create mode 100644 classs.cpp
create mode 100644 exercise.cpp
create mode 100644 functionexercise.cpp
create mode 100644 lec 8 array.cpp
create mode 100644 lec7 Bitwiseoperators.cpp
create mode 100644 lecture1.cpp
create mode 100644 lecture2.cpp
create mode 100644 lecture3 pointer.cpp
create mode 100644 lecture4 loops.cpp
create mode 100644 lecture5 patterns.cpp
create mode 100644 lecture6 character pattern.cpp
create mode 100644 newexercises.cpp
```



THIS COMMAND IS FOR COMMITTING OUR
ADDED FILE IN THE GIT

```
create mode 100644 js_drumpadproject/com.wav
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git branch -M firstbranch --THIS COMMAND IS FOR CREATE A NEW BRANCH
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git remote add origin https://github.com/Group08-Chitkara-University/2110990470.git
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git remote -v
origin https://github.com/Group08-Chitkara-University/2110990470.git (fetch)
origin https://github.com/Group08-Chitkara-University/2110990470.git (push)
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git push -u origin firstbranch
Username for 'https://github.com': diwakar4586
Password for 'https://diwakar4586@github.com':
Enumerating objects: 35, done.
Counting objects: 100% (35/35), done.
Delta compression using up to 4 threads
Compressing objects: 100% (35/35), done.
Writing objects: 100% (35/35), 2.47 MiB | 780.00 KiB/s, done.
Total 35 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Group08-Chitkara-University/2110990470.git
* [new branch] firstbranch -> firstbranch
Branch 'firstbranch' set up to track remote branch 'firstbranch' from 'origin'.
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git status
On branch firstbranch
Your branch is up to date with 'origin/firstbranch'.

nothing to commit, working tree clean
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git log
commit e9ceb08cfff3a50875b50d0b8bf9fb21f359bc2 (HEAD -> firstbranch, origin/firstbranch)
Author: diwakar4586 <diwakar0470.be21@chitkara.edu.in>
Date: Sun Apr 10 14:51:47 2022 +0530

    first commit
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$ git branch -r ---> TO CHECK THE BRANCH STATUS
origin/flrstbranch
diwakar@diwakar-HP-Laptop-15-da0xxx:~/Content_01$
```

↑
TO ADD THE PATH OF CLOUD WHERE THE GIT
WILL PUSHED LATER

↑
THSI COMMAND IS FOR PUSHING OUR FILE TO GITHUB CLOUD
SERVER

```
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ git config --list -->TO GET THE LIST OF AUR GIT USERNAME AND EMAIL
user.name=diwakar4586
user.email=diwakar0470.be21@chitkara.edu.in
diwakar@diwakar-HP-Laptop-15-da0xxx:~$ git config --edit -->TO EDIT THE NAME OR EMAIL OF GIT
```