Git Linux Commands – Nicola Ghisu


```
nicoxvi@NicoXVI-Laptop:Desktop$ cd Projects/
nicoxvi@NicoXVI-Laptop:Projects$ ls
SegFaultMC-Bot-Files
nicoxvi@NicoXVI-Laptop:Projects$ git clone https://github.com/md-stefano/esercitazione-4e-25.git
Cloning into 'esercitazione-4e-25'...
remote: Enumerating objects: 30, done.
remote: Counting objects: 100% (30/30), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 30 (delta 10), reused 16 (delta 4), pack-reused 0 (from 0)
Receiving objects: 100% (30/30), 200.73 KiB | 1.62 MiB/s, done.
Resolving deltas: 100% (10/10), done.
nicoxvi@NicoXVI-Laptop:Projects$ ls
SegFaultMC-Bot-Files  esercitazione-4e-25
nicoxvi@NicoXVI-Laptop:Projects$ cd esercitazione-4e-25/
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ ls -l
total 144
-rwxrwxrwx 1 nicoxvi nicoxvi 143556 Oct  7 09:01 Cristiano-Pinna.pdf
-rwxrwxrwx 1 nicoxvi nicoxvi     55 Oct  7 09:01 README.md
-rwxrwxrwx 1 nicoxvi nicoxvi    394 Oct  7 09:01 claudia-liverani.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:01 cristiano-pinna.txt
-rwxrwxrwx 1 nicoxvi nicoxvi     17 Oct  7 09:01 francesco-cirilli.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:01 studente-prova.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git checkout -b nicola-ghisu-feature
Switched to a new branch 'nicola-ghisu-feature'
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ code .
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ touch nicola-ghisu.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ ls -l
total 144
-rwxrwxrwx 1 nicoxvi nicoxvi 143556 Oct  7 09:01 Cristiano-Pinna.pdf
-rwxrwxrwx 1 nicoxvi nicoxvi     55 Oct  7 09:01 README.md
-rwxrwxrwx 1 nicoxvi nicoxvi    394 Oct  7 09:01 claudia-liverani.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:01 cristiano-pinna.txt
-rwxrwxrwx 1 nicoxvi nicoxvi     17 Oct  7 09:01 francesco-cirilli.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:03 nicola-ghisu.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:01 studente-prova.txt
```



```
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git branch -vv
  main                  233ff2b [origin/main] Merge pull request #4 from md-stefano/cristiano-pinna-feature
* nicola-ghisu-feature 233ff2b Merge pull request #4 from md-stefano/cristiano-pinna-feature
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git log --oneline
233ff2b (HEAD -> nicola-ghisu-feature, origin/main, origin/HEAD, main) Merge pull request #4 from md-stefano/cristiano-pinna-feature
f3a52e6 Merge pull request #5 from md-stefano/francesco-cirilli-feature
49e1e8e Merge pull request #3 from md-stefano/claudia-liverani-feature
2c42270 (origin/cristiano-pinna-feature) Merge branch 'main' of https://github.com/md-stefano/esercitazione-4e-25 into cristiano-pinna-feature
92fc523 Aggiunto file personale con informazioni di Cristiano Pinna
a5f2505 Aggiunto file personale - Francesco Cirilli
a653d28 (origin/claudia-liverani-feature) Aggiunto file personale con informazioni dello studente
4111619 (origin/andrea-cossu) Merge pull request #2 from md-stefano/cristiano-pinna-feature
34e9b65 commento
12a767f Merge pull request #1 from md-stefano/studente-prova-1
eb269ae (origin/studente-prova-1) Aggiungo file personale con informazioni studente-prova
646a7f9 Initial commit
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git branch
  main
* nicola-ghisu-feature
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git branch -vv
  main                  233ff2b [origin/main] Merge pull request #4 from md-stefano/cristiano-pinna-feature
* nicola-ghisu-feature 233ff2b Merge pull request #4 from md-stefano/cristiano-pinna-feature
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ ls -l
total 144
-rwxrwxrwx 1 nicoxvi nicoxvi 143556 Oct  7 09:01 Cristiano-Pinna.pdf
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-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:03 nicola-ghisu.txt
-rwxrwxrwx 1 nicoxvi nicoxvi      0 Oct  7 09:01 studente-prova.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ vim nicola-ghisu.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ cat nicola-ghisu.txt
Prof Mocci Demartis

Nicola Ghisu
```



```
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git status
On branch nicola-ghisu-feature
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        nicola-ghisu.txt

nothing added to commit but untracked files present (use "git add" to track)
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git diff
nicoxvi@NicoXVI-Laptop:Projects$ git add nicola-ghisu.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git diff
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git status
On branch nicola-ghisu-feature
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   nicola-ghisu.txt

nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git commit -m "Aggiunto file - Nicola Ghisu" -m "File di descrizione nicola-ghisu.txt"
[nicola-ghisu-feature bb99952] Aggiunto file - Nicola Ghisu
 1 file changed, 3 insertions(+)
 create mode 100644 nicola-ghisu.txt
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git status
On branch nicola-ghisu-feature
nothing to commit, working tree clean
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git branch -vv
  main                  233ff2b [origin/main] Merge pull request #4 from md-stefano/cristiano-pinna-feature
* nicola-ghisu-feature bb99952 Aggiunto file - Nicola Ghisu
```

```
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git log --oneline
bb99952 (HEAD → nicola-ghisu-feature) Aggiunto file – Nicola Ghisu
233ff2b (origin/main, origin/HEAD, main) Merge pull request #4 from md-stefano/cristiano-pinna-feature
f3a52e6 Merge pull request #5 from md-stefano/francesco-cirilli-feature
49e1e8e Merge pull request #3 from md-stefano/claudia-liverani-feature
2c42270 (origin/cristiano-pinna-feature) Merge branch 'main' of https://github.com/md-stefano/esercitazione-4e-25 into cristiano-pinna-feature
92fc523 Aggiunti file personale con informazioni di Cristiano Pinna
a5f2505 Aggiunto file personale – Francesco Cirilli
a653d28 (origin/claudia-liverani-feature) Aggiunto file personale con informazioni dello studente
4111619 (origin/andrea-cossu) Merge pull request #2 from md-stefano/cristiano-pinna-feature
34e9b65 commento
12a767f Merge pull request #1 from md-stefano/studente-prova-1
eb269ae (origin/studente-prova-1) Aggiungo file personale con informazioni studente-prova
646a7f9 Initial commit
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git pull origin main
From https://github.com/md-stefano/esercitazione-4e-25
 * branch            main       → FETCH_HEAD
Already up to date.
```

```
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git remote set-url origin git@github.com:md-stefano/esercitazione-4e-25.git
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git push -u origin nicola-ghisu-feature
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 346 bytes | 26.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'nicola-ghisu-feature' on GitHub by visiting:
remote:      https://github.com/md-stefano/esercitazione-4e-25/pull/new/nicola-ghisu-feature
remote:
To github.com:md-stefano/esercitazione-4e-25.git
 * [new branch]      nicola-ghisu-feature → nicola-ghisu-feature
branch 'nicola-ghisu-feature' set up to track 'origin/nicola-ghisu-feature'.
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git status
On branch nicola-ghisu-feature
Your branch is up to date with 'origin/nicola-ghisu-feature'.

nothing to commit, working tree clean
nicoxvi@NicoXVI-Laptop:esercitazione-4e-25$ git branch -vv
  main                  233ff2b [origin/main] Merge pull request #4 from md-stefano/cristiano-pinna-feature
* nicola-ghisu-feature bb99952 [origin/nicola-ghisu-feature] Aggiunto file – Nicola Ghisu
```