

Crearea unui branch din git bash(pentru a deschide git bash ctrl+shift+click dreapta si alegeti git bash). Pentru aceasta metoda aveti nevoie de a instala git bash.

Windows: <https://git-scm.com/download/win> Descarcati varianta 64-bit Git for Windows Setup in care veti avea un exe si instalati.

Linux: Deschideti terminalul si introduceti urmatoarele comenzi:

```
apt-get install git
```

```
add-apt-repository ppa:git-core/ppa
```

```
apt update; apt install git
```

**PS: Puteti folosi direct terminalul daca urmati pasii de aici:**

<https://www.atlassian.com/git/tutorials/install-git>

Dupa ce ati intrat in git bash(ATENTIE: Intrati in fisierul cu numele vostru pe care l-ati clonat, si acolo deschideti git bash), veti avea dat in bash urmatoarele comenzi:

**git branch** (verificati daca sunteti pe branch-ul master, ex:in windows este verde cu bold, daca nu este folositi comanda: git checkout master)

**git branch** <numele branch-ului, de ex: lab1> (creeaza branch-ul)

**git checkout** <numele de mai sus> (va muta pe branch-ul ales)

**git add** <numele laboratorului pe care l-ati rezolvat, nume pe care il gasiti in fisierul clonat cu numele vostru, de ex: java-basics>/\*

exemplu intreg pentru aceasta comanda: git add java-basics/\*



```
MINGW64; c:/Users/narci/OneDrive/Desktop/1/323cab-corinamarin
narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (master)
$ git branch test1

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (master)
$ git checkout test1
Switched to branch 'test1'
A       java-basics/src/Main.java

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test1)
$ git add java-basics/*

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test1)
$ |
```

```
MINGW64:/c:/Users/narci/OneDrive/Desktop/1/323cab-corinamarin
narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test1)
$ git branch
  master
* test1

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test1)
$ git checkout master
Switched to branch 'master'
A       java-basics/src/Main.java
Your branch is up to date with 'origin/master'.

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (master)
$ git branch test2

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (master)
$ git checkout test2
Switched to branch 'test2'
A       java-basics/src/Main.java

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test2)
$ git add java-basics/*

narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test2)
$ |
```

Dupa ce ati dat aceste comenzi urmeaza comanda de commit: `git commit -a -m "mesaj"`. In loc de mesaj puteti sa scrieti problema pe care ati rezolvat-o (in caz ca nu ati dat comenzile la final), iar dati comenzile cand ati terminat laboratorul un commit cu task-ul la care ati ramas/daca ati terminat.

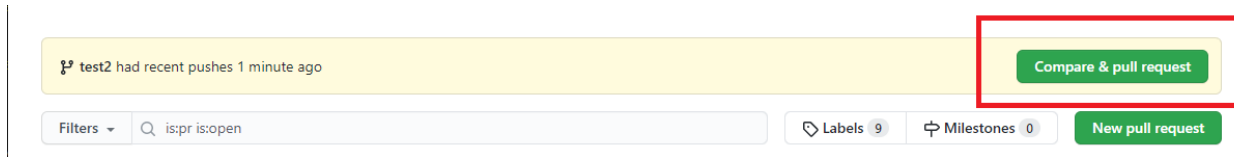
```
narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test2)
$ git commit -a -m "sa zicem ca terminat"
[test2 594b687] sa zicem ca terminat
1 file changed, 2 insertions(+)
create mode 100644 java-basics/src/Main.java
```

Daca ati terminat laboratorul urmeaza comanda de a trimite din local pe remote:

**`git push -u origin <name>`**

```
narci@DESKTOP-U3H47AF MINGW64 ~/OneDrive/Desktop/1/323cab-corinamarin (test2)
$ git push -u origin test2
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 439 bytes | 439.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'test2' on GitHub by visiting:
remote:   https://github.com/oop-pub/323cab-corinamarin/pull/new/test2
remote:
To https://github.com/oop-pub/323cab-corinamarin.git
 * [new branch]      test2 -> test2
Branch 'test2' set up to track remote branch 'test2' from 'origin'.
```

Acum, cand ati terminat laboratorul, intrati pe github <https://github.com/oop-pub/323cab-USERNAME/pulls> . Apasam pe butonul de “Compare & pull request”, apoi o sa apara jos create pull request.



Dupa ce laboratorul a fost corectat si ati primit si feedback aveti posibilitatea de a da “merge”.