

Ministerul Educației al Republicii Moldova
Universitatea Tehnică a Moldovei
Facultatea Calculatoare, Informatică și Microelectronică

Raport

Lucrarea de laborator nr.2
La disciplina MIDPS

Efectuat: st.gr. TI-143

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Verificat :Lect.univ.

Cojanu Irina

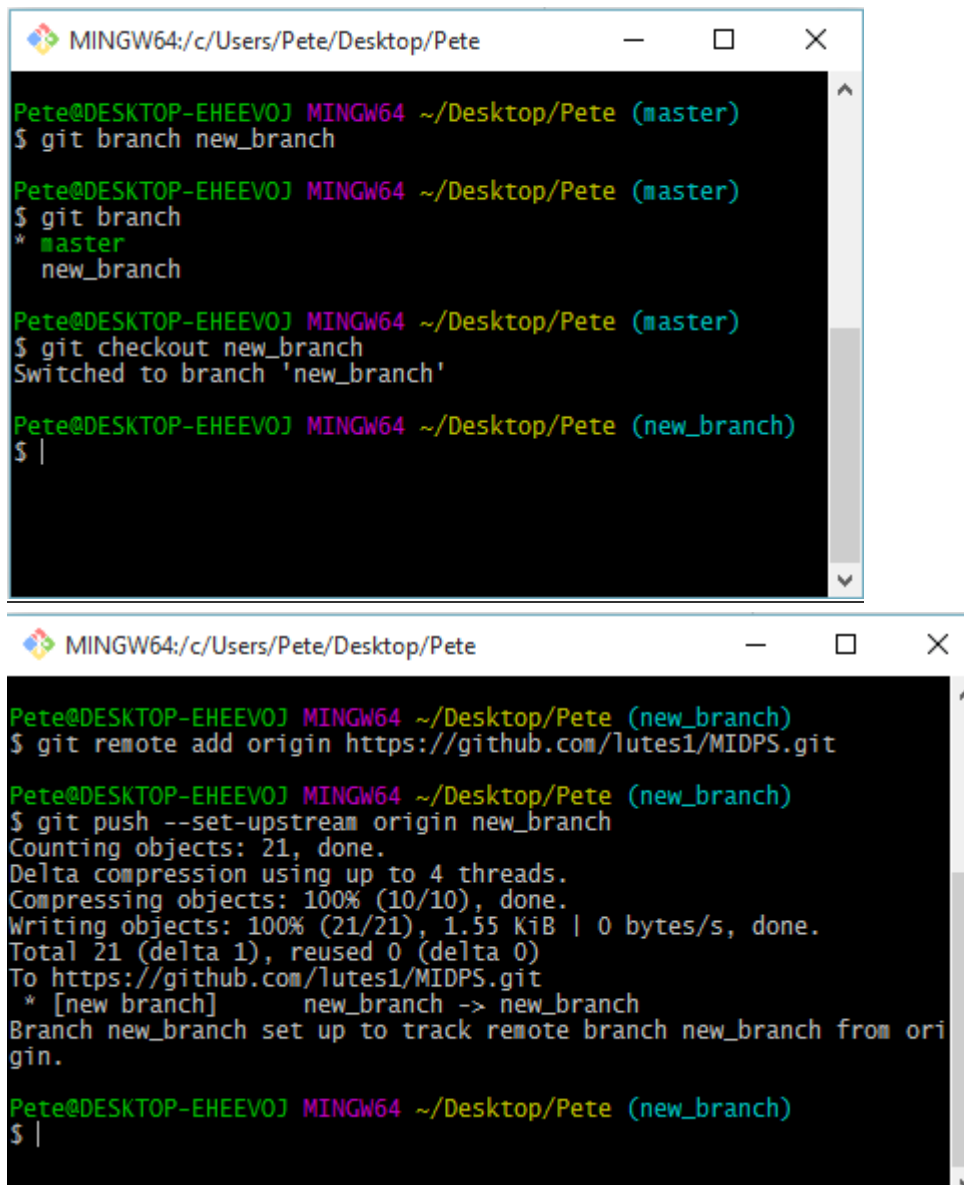
Chisinau 2016

Tema: Version Control Systems

Avanced Level (nota 9 || 10)

- seteaza un branch to track a remote origin pe care vei putea sa faci push Github
- reseteaza un branch la commit-ul anterior
- merge 2 branches
- rezolvarea conflictelor a 2 branches

1: seteaza un branch to track a remote origin pe care vei putea sa faci push



```
MINGW64:/c/Users/Pete/Desktop/Pete

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git branch new_branch

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git branch
* master
  new_branch

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git checkout new_branch
Switched to branch 'new_branch'

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (new_branch)
$ |

MINGW64:/c/Users/Pete/Desktop/Pete

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (new_branch)
$ git remote add origin https://github.com/lutes1/MIDPS.git

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (new_branch)
$ git push --set-upstream origin new_branch
Counting objects: 21, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (10/10), done.
Writing objects: 100% (21/21), 1.55 KiB | 0 bytes/s, done.
Total 21 (delta 1), reused 0 (delta 0)
To https://github.com/lutes1/MIDPS.git
 * [new branch]      new_branch -> new_branch
Branch new_branch set up to track remote branch new_branch from origin.

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (new_branch)
$ |
```

- 2:- reseteaza un branch la commit-ul anterior

-merge 2 branches

-rezolvarea conflictelor a 2 branches

```
Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git log --graph
* commit 142c5e283c9cc782b3203251624976c75abcd5b4
  Author: lutes <lutencopete@gmail.com>
  Date:   Fri May 27 13:04:08 2016 +0300

    last commit

* commit 52950bb3878f3d4d18ff1db69d3e7069d0cc5038
  Author: lutes <lutencopete@gmail.com>
  Date:   Fri May 27 12:55:54 2016 +0300

    third commit

* commit f511e227b9762ee962aed85b8998c2ad30364c5c
  Author: lutes <lutencopete@gmail.com>
  Date:   Fri May 27 12:53:19 2016 +0300

    first commit
```

MINGW64:/c/Users/Pete/Desktop/Pete

```
Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git checkout 52950bb
Note: checking out '52950bb'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by performing another checkout.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -b with the checkout command again. Example:

  git checkout -b <new-branch-name>

HEAD is now at 52950bb... third commit

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete ((52950bb...))
$ git checkout master
Previous HEAD position was 52950bb... third commit
Switched to branch 'master'

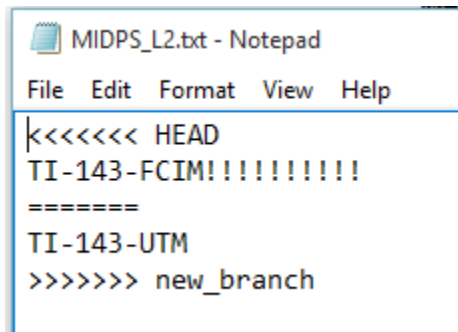
Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$ git merge new_branch
Auto-merging MIDPS_L2.txt
CONFLICT (add/add): Merge conflict in MIDPS_L2.txt
Automatic merge failed; fix conflicts and then commit the result.

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master|MERGING)
$ git add .

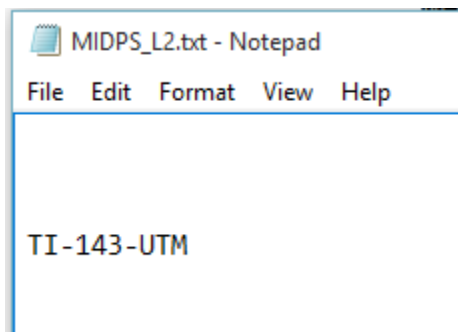
Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master|MERGING)
$ git commit -m "conflict solved"
[master b354ce9] conflict solved

Pete@DESKTOP-EHEEVOJ MINGW64 ~/Desktop/Pete (master)
$
```

3.Rezolvarea conflictului in fisier:



```
MIDPS_L2.txt - Notepad
File Edit Format View Help
|<<<<<< HEAD
TI-143-FCIM!!!!!!!!!!
=====
TI-143-UTM
>>>>>> new_branch
```



```
MIDPS_L2.txt - Notepad
File Edit Format View Help
TI-143-UTM
```

Concluzie:

In urma efectuarii acestei lucrari de laborator am luat cunostinta cu mediul de lucru in echipa github. Astfel am efectuat task-uri de baza ca initializarea, setarea, accesul la github, adaugarea comiturilor, brachurilor, dar si dimin-uarea conflictelor, am executat scripurile de compilare si executare a pro-gramelor in java si python. Aceste task-uri ne vor ajuta ulterior in programarea in echipa, astfel fiecare utilizator executa task-ul lui sau bucata lui de cod, dupa care incarca lucrul efectuat pe server, iar la sfirsit tot proiectul se uneste in unul singur si se efectueaza produsul finit.