**Puscas Radu Homework GIT 2**

* A) make changes in file  
  -git checkout (needed branch\commit) OR –git checkout –b (new branch)

-change file  
-git add . (add to staging area modified files)  
-git commit –m (make a new commit)  
-git push <rep name> <branch name> (push all changes to the remote rep)

B)-git commit --amend –m “ …..” (change the last commit with new message and minor fixes)  
 -git push –f (push with forece that changed commit to remote rep)

c) create .gitignore and add “folderToIgnore/” (ignore folder)

-git add . (add changes to staging area)

-git commit -m OR --git amend --no-edit (make a new commit or amend old one without chaning message)

-git push or git push -f (in first case it's ok to push, but in second we have to force it)

d)-git checkout (commit name) (check the commit that has some problems)

-git reset commit (hash) if we want to delete the commit entirely, make additional fix and make a new commit   
OR

we could fix the problem

-git add . (add files to staging area)  
-git commit --amend --no-edit (amend last commit without chaching message)

-git push

**2)** get repository link, create folder for work

-git init (initiate git on that folder)

-git remote add origin (connect remote repository with local one)  
 -git config --global credential “username” (configure credentials for avoiding log everytime)

-git pull (repo name) (pull everything from remote repo)

**3)** –git fetch (update branches for us)

-git checkout (branch/commit to derive from) (move the head on a branch or commit we need)

- git checkout –b (my work branch) (create and move head to my new working branch)

-git commit –m (first commit) (creating a commit)

-git push (push all changes and new branch to the remote repo)

4) –git add . (current work to staging area)

-git commit –m (commit feature1 current work)

-git push (feature 1 branch)

-git pull (pull branch with bug)

-git checkout (move head to a branch with bug)

-git checkout –b (i create new branch for working on hotfix)

-BLAZINGLY FAST BUGFIX

-git add . (add changes to staging area)

-git commit –m “bugfix” (commit all changes)

-git push <repo> <branch hotfix> (push branch and commits with hotfix on remote repo)