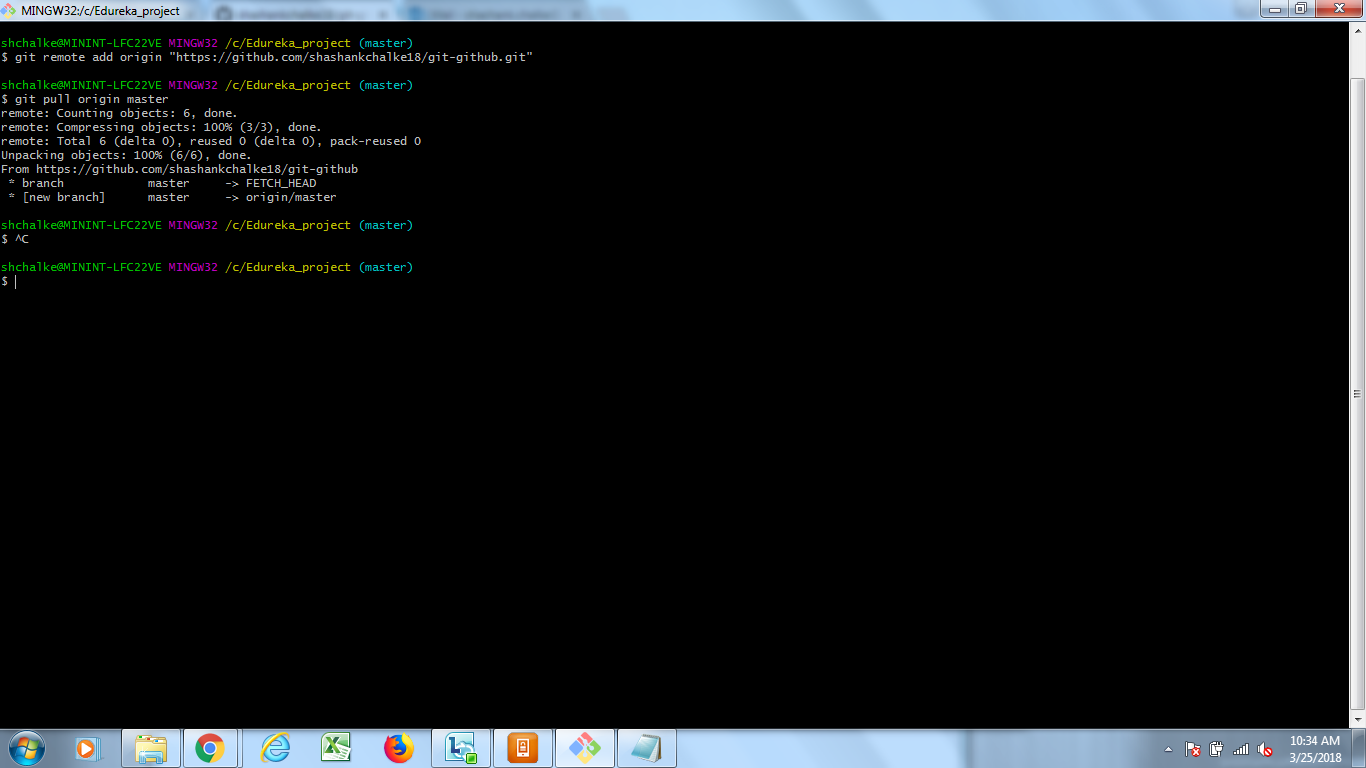
Git init



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git remote add origin "https://github.com/shashankchalke18/git-github.git"

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git pull origin master

remote: Counting objects: 6, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (6/6), done.

From https://github.com/shashankchalke18/git-github

\* branch master -> FETCH\_HEAD

\* [new branch] master -> origin/master

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$

$ clear

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git status

On branch master

Untracked files:

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

Git Commands.docx

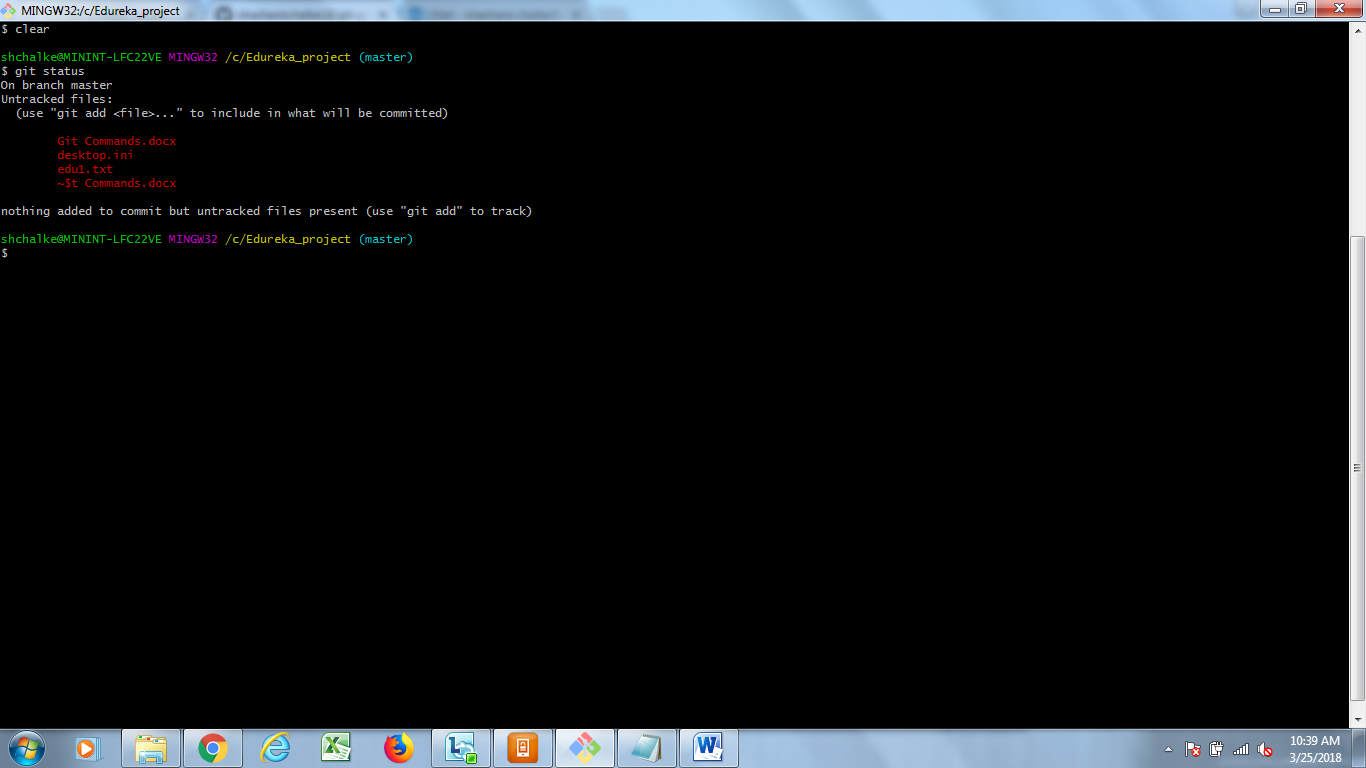
desktop.ini

edu1.txt

~$t Commands.docx

nothing added to commit but untracked files present (use "git add" to track)

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git remote add origin "https://github.com/shashankchalke18/git-github.git"

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git pull origin master

remote: Counting objects: 6, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (6/6), done.

From https://github.com/shashankchalke18/git-github

\* branch master -> FETCH\_HEAD

\* [new branch] master -> origin/master

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ clear

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git status

On branch master

Untracked files:

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

Git Commands.docx

desktop.ini

edu1.txt

~$t Commands.docx

nothing added to commit but untracked files present (use "git add" to track)

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git add edu1.txt

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: edu1.txt

Untracked files:

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

Git Commands.docx

desktop.ini

~$t Commands.docx

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git commit -m "addign first commit in local repo"

[master 29f018b] addign first commit in local repo

Committer: Chalke <shashank.chalke@capgemini.com>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

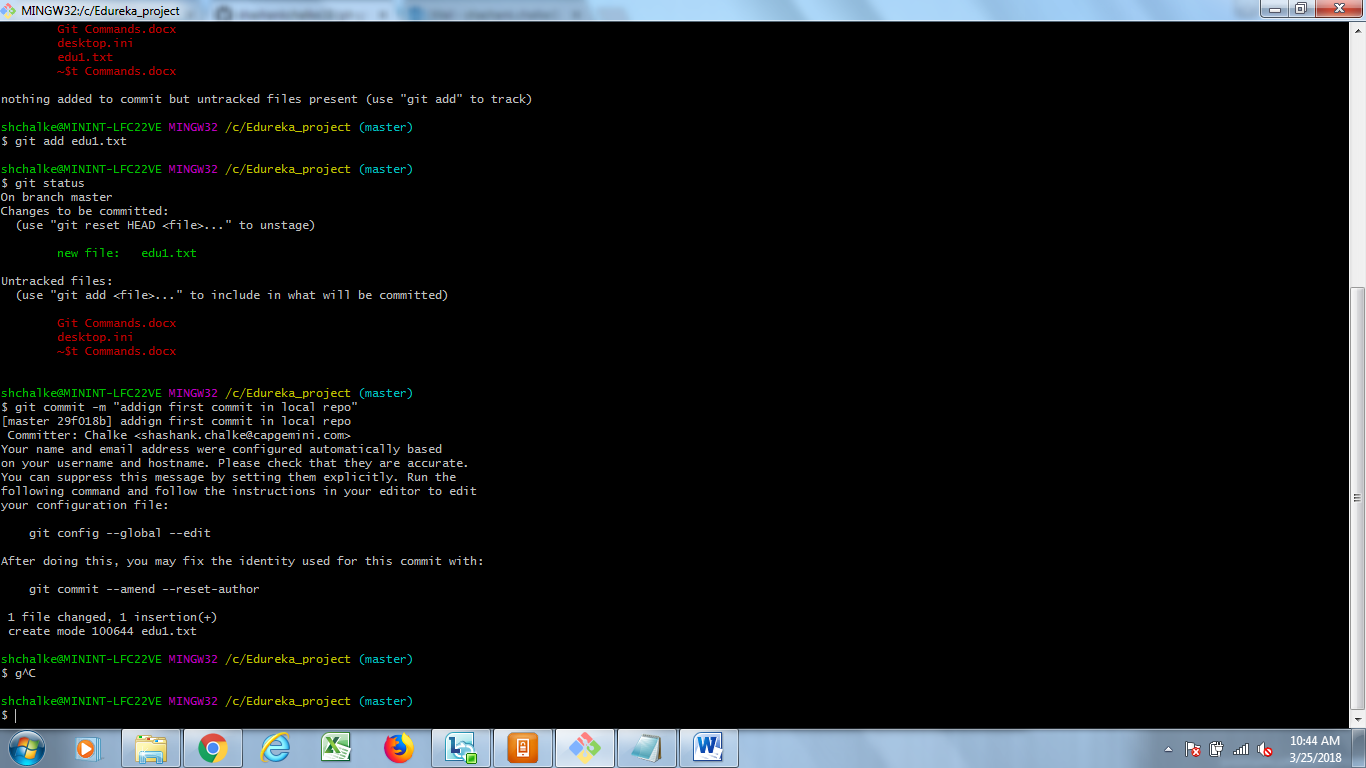
1 file changed, 1 insertion(+)

create mode 100644 edu1.txt

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ g^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git status

On branch master

Changes not staged for commit:

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

(use "git checkout -- <file>..." to discard changes in working directory)

modified: edu1.txt

Untracked files:

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

Git Commands.docx

desktop.ini

edu2.txt

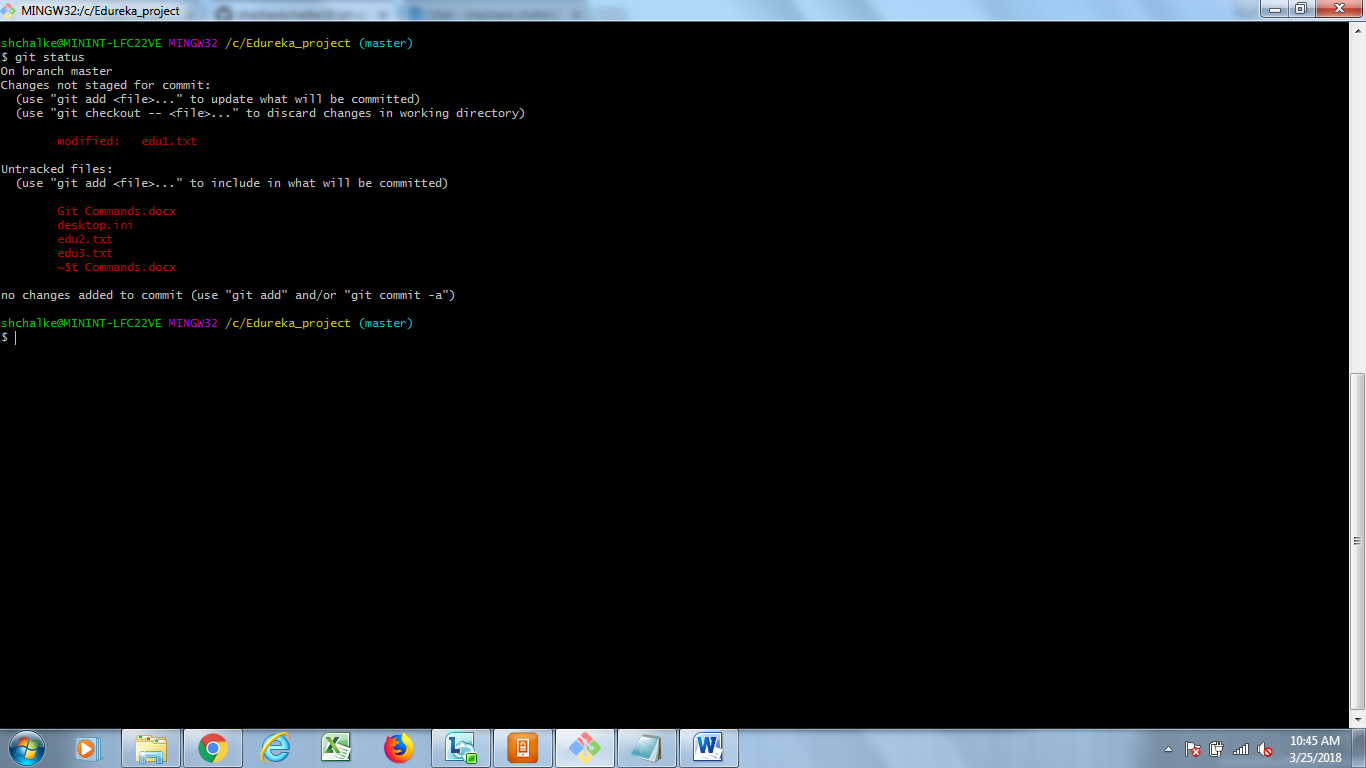
edu3.txt

~$t Commands.docx

no changes added to commit (use "git add" and/or "git commit -a")

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git add -A

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git status

On branch master

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: Git Commands.docx

new file: desktop.ini

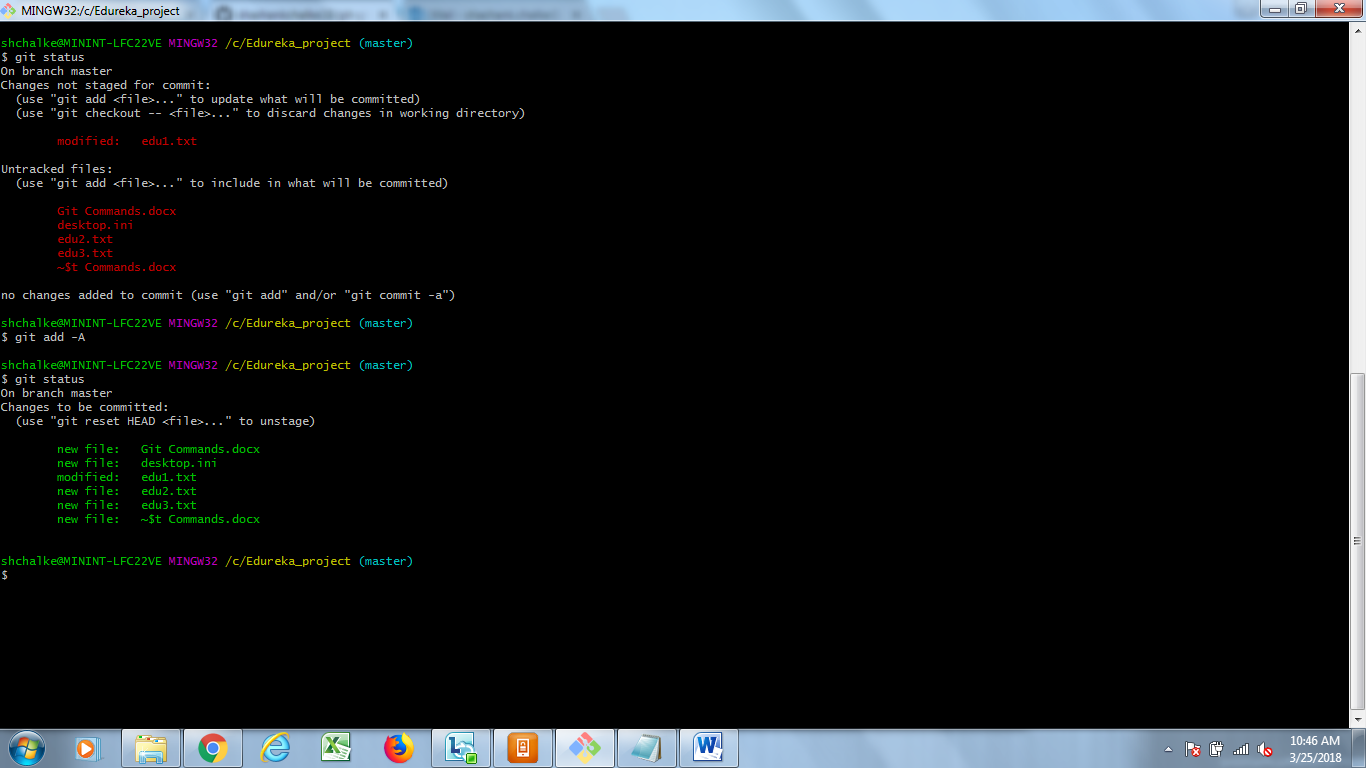
modified: edu1.txt

new file: edu2.txt

new file: edu3.txt

new file: ~$t Commands.docx

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git commit -a -m "adding 3 files together"

[master 539aada] adding 3 files together

Committer: Chalke <shashank.chalke@capgemini.com>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

6 files changed, 7 insertions(+), 1 deletion(-)

create mode 100644 Git Commands.docx

create mode 100644 desktop.ini

create mode 100644 edu2.txt

create mode 100644 edu3.txt

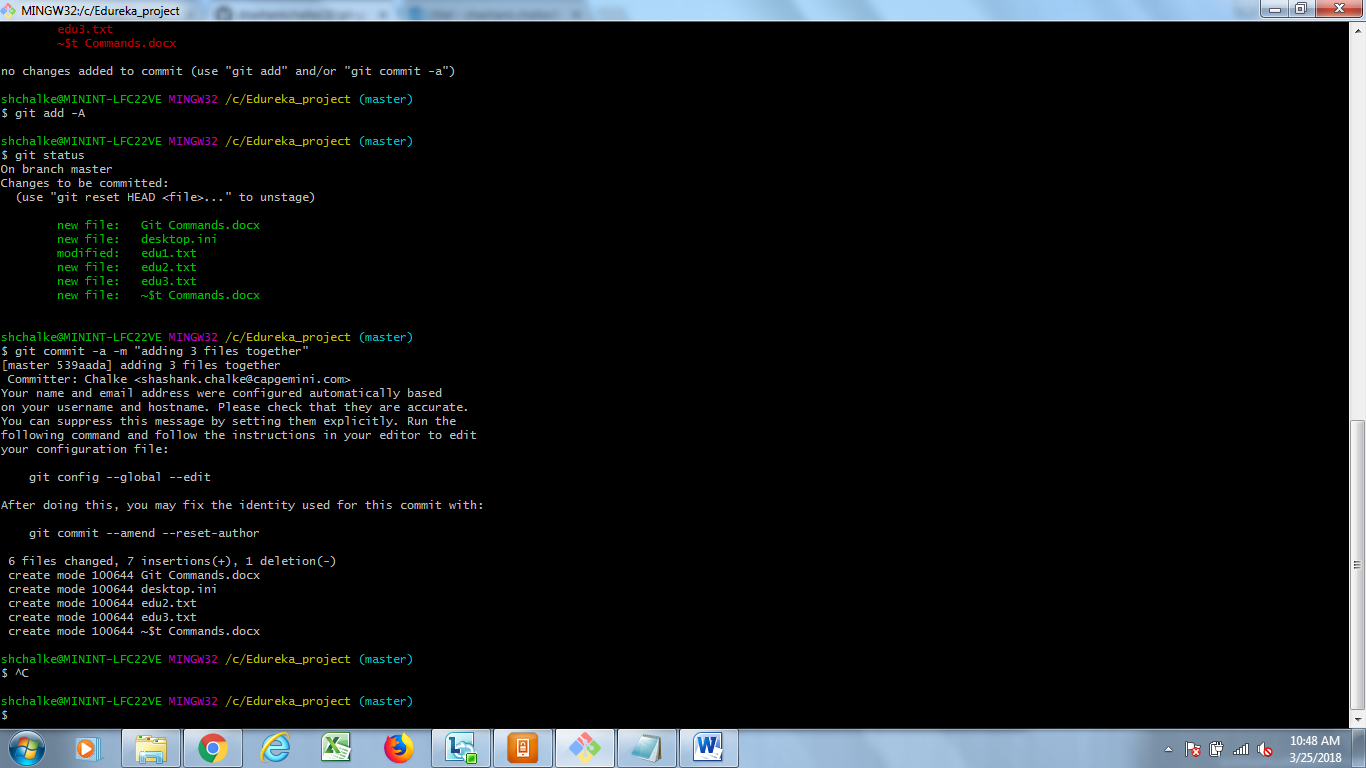
create mode 100644 ~$t Commands.docx

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ^C

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git log

commit 539aadac1fc81b41d699272ecec037705e3d8a72 (HEAD -> master)

Author: Chalke <shashank.chalke@capgemini.com>

Date: Sun Mar 25 10:48:05 2018 -0500

adding 3 files together

commit 29f018b9a7c00cc4933636c123c8402ed880e600

Author: Chalke <shashank.chalke@capgemini.com>

Date: Sun Mar 25 10:42:14 2018 -0500

addign first commit in local repo

commit dfbddb70c475132bf4bc5d330685664c094c5379 (origin/master)

Author: shashankchalke18 <36466009+shashankchalke18@users.noreply.github.com>

Date: Sun Mar 25 10:08:52 2018 -0500

Update README.md

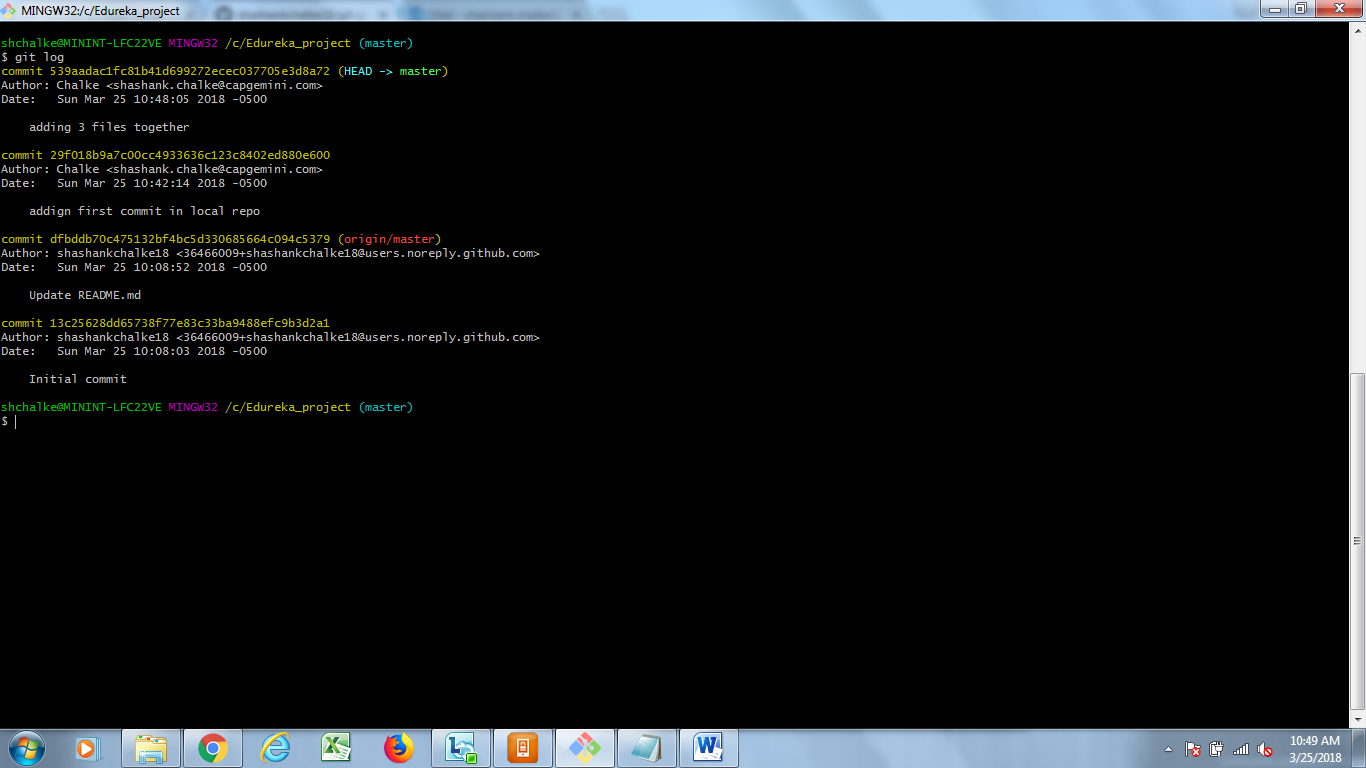
commit 13c25628dd65738f77e83c33ba9488efc9b3d2a1

Author: shashankchalke18 <36466009+shashankchalke18@users.noreply.github.com>

Date: Sun Mar 25 10:08:03 2018 -0500

Initial commit

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git branch firstbranch

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git checkout firstbranch

Switched to branch 'firstbranch'

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git add edu4.txt

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git commit -m "creating first branch"

[firstbranch 02d82b0] creating first branch

Committer: Chalke <shashank.chalke@capgemini.com>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

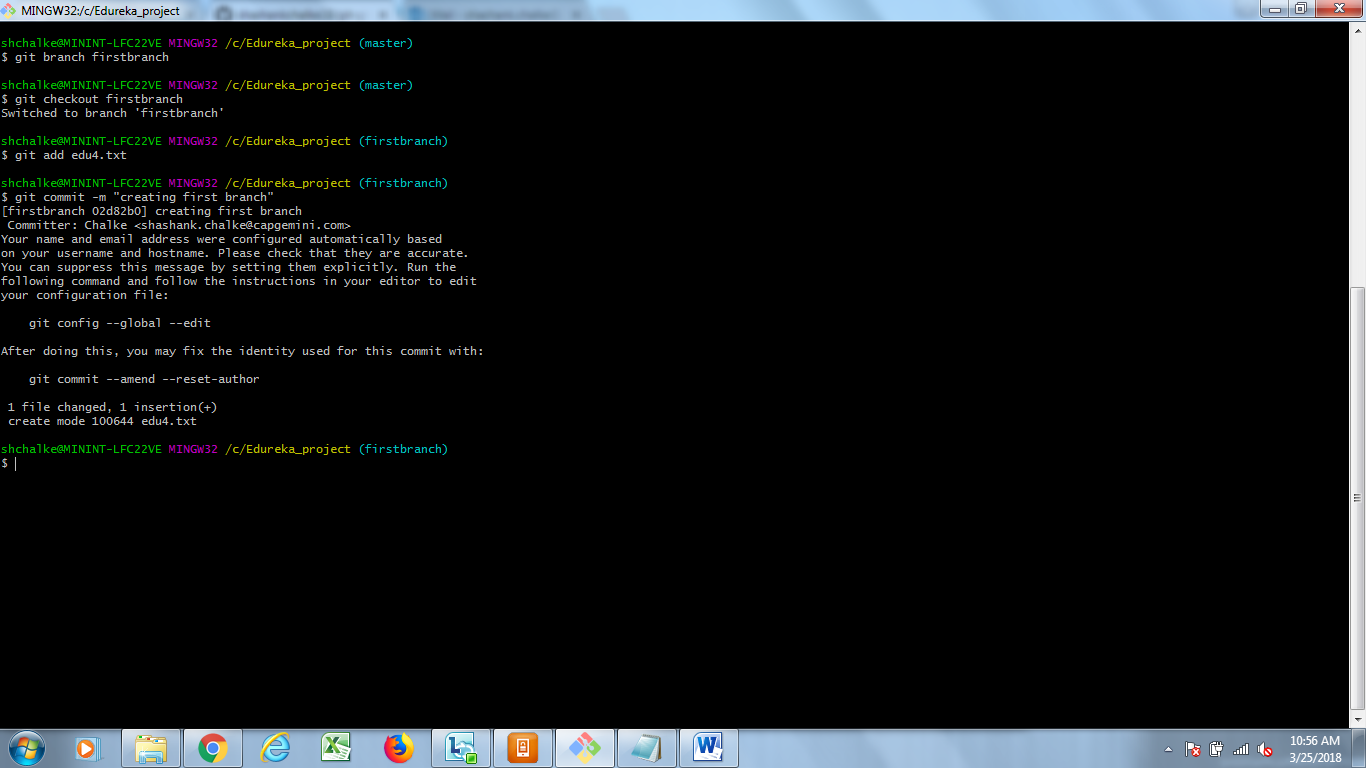
After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+)

create mode 100644 edu4.txt

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git status

On branch firstbranch

nothing to commit, working tree clean

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ ls

'~$t Commands.docx' desktop.ini edu1.txt edu2.txt edu3.txt edu4.txt 'Git Commands.docx' README.md

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git checkout master

Switched to branch 'master'

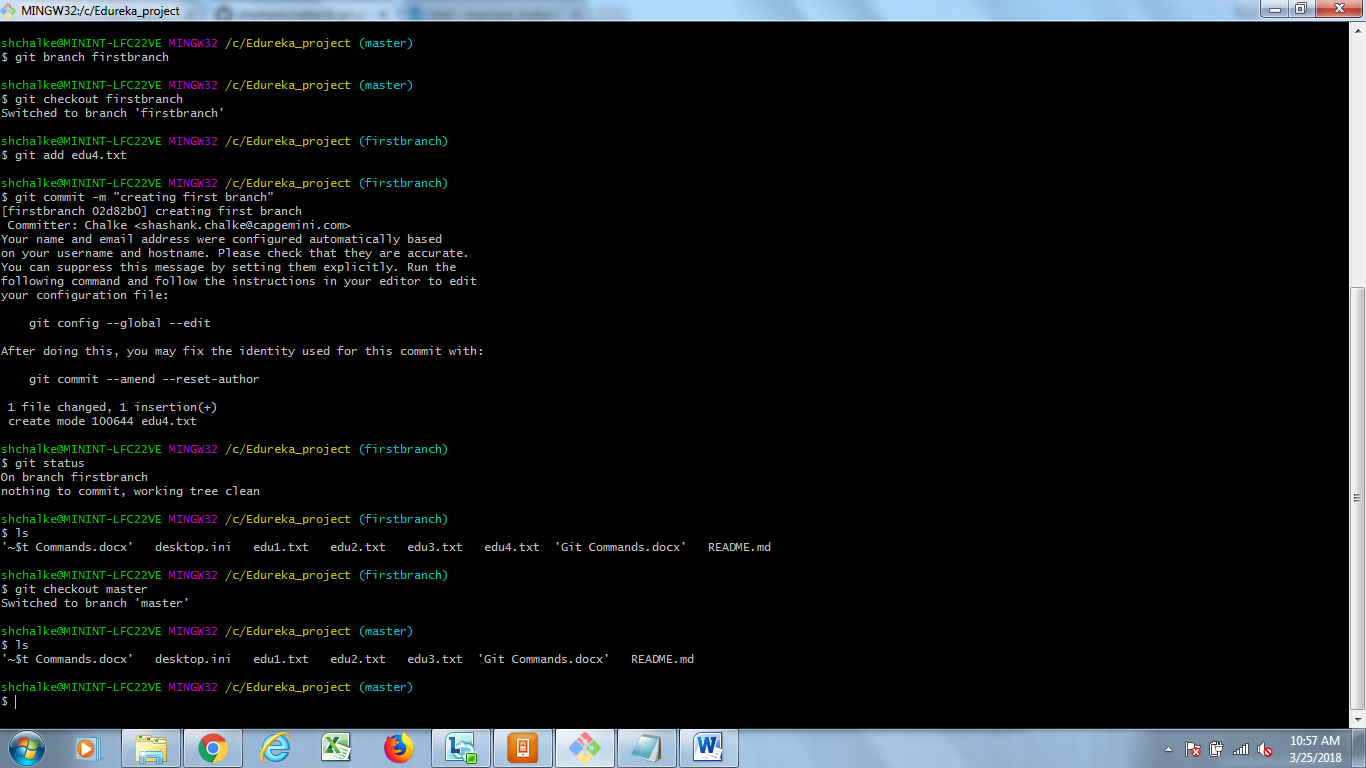
shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ls

'~$t Commands.docx' desktop.ini edu1.txt edu2.txt edu3.txt 'Git Commands.docx' README.md

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git merge firstbranch

Updating 539aada..02d82b0

Fast-forward

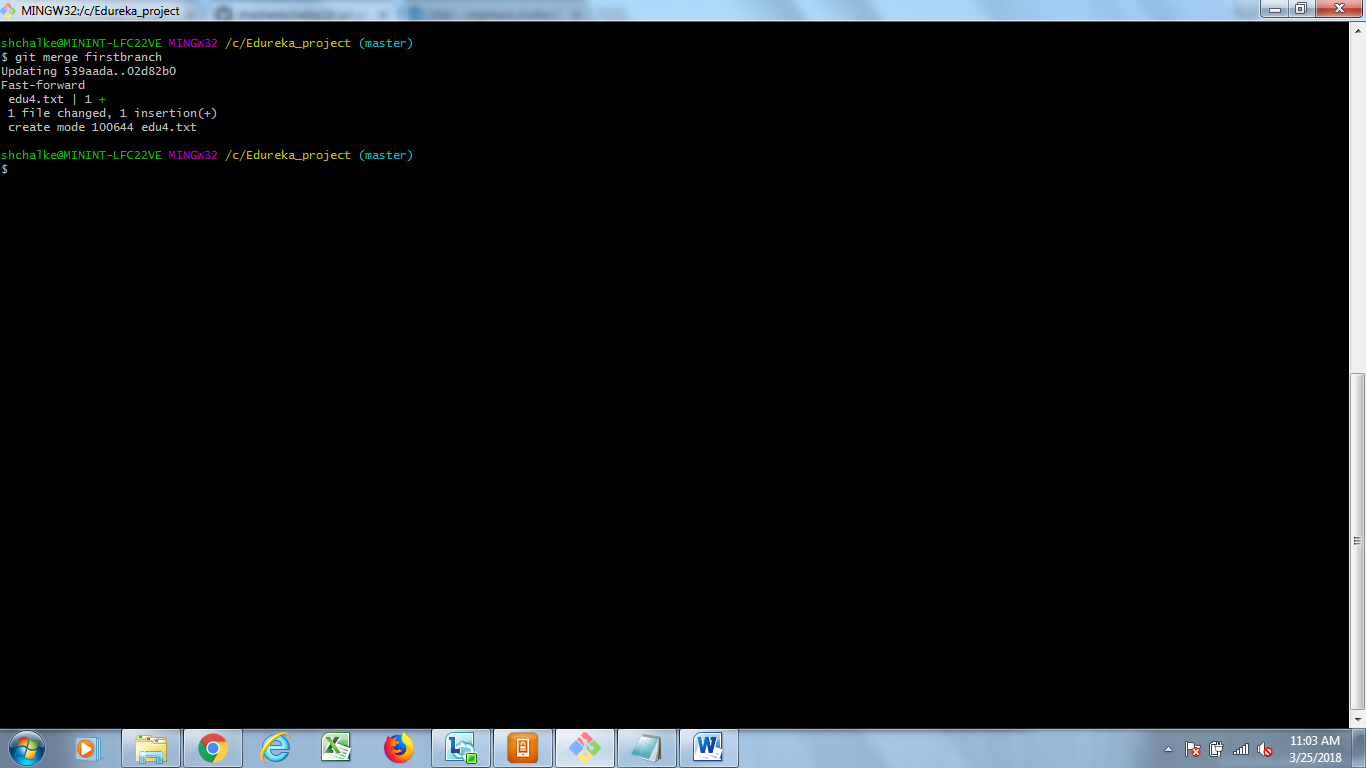
edu4.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 edu4.txt

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



Modified file edu in branch ( Not in master ) after merge .

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git commit -a -m "modified edu4.txt"

[firstbranch b083fd2] modified edu4.txt

Committer: Chalke <shashank.chalke@capgemini.com>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the

following command and follow the instructions in your editor to edit

your configuration file:

git config --global --edit

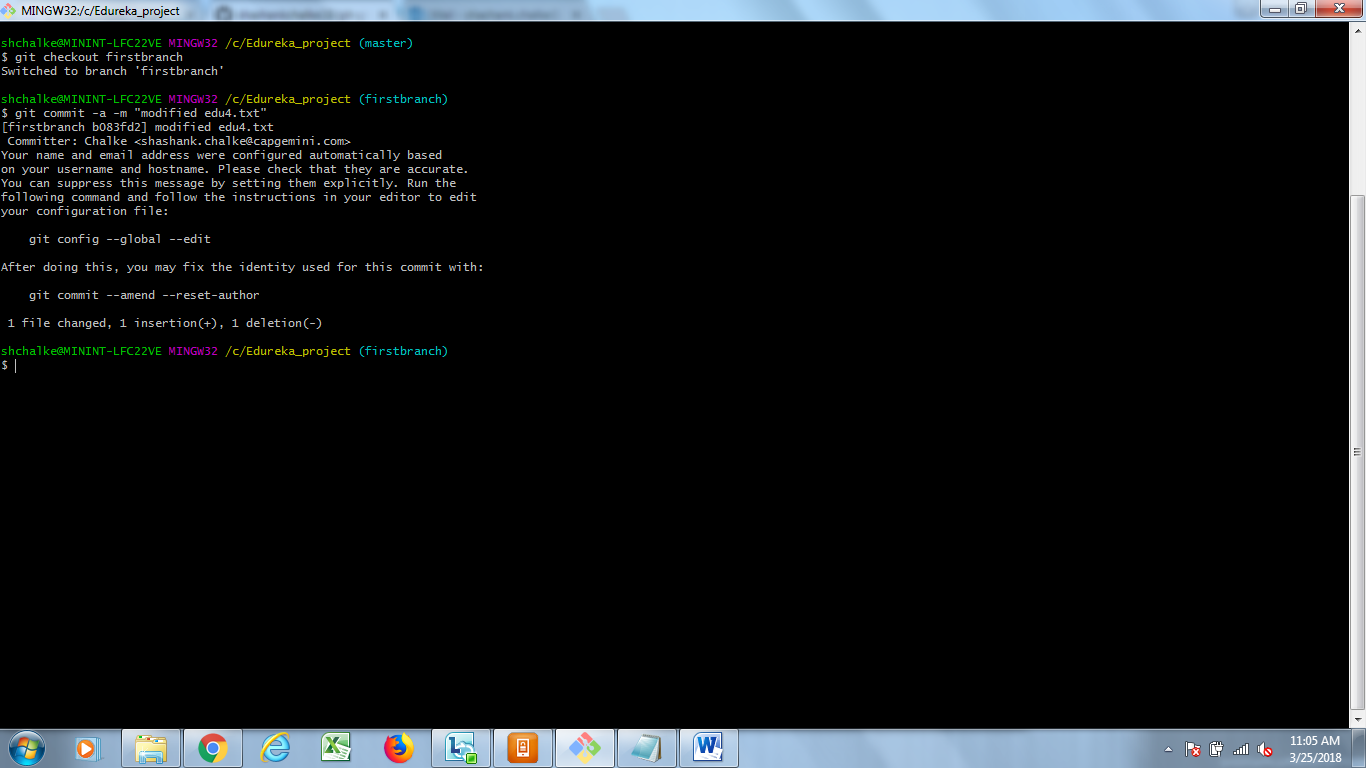
After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

1 file changed, 1 insertion(+), 1 deletion(-)

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

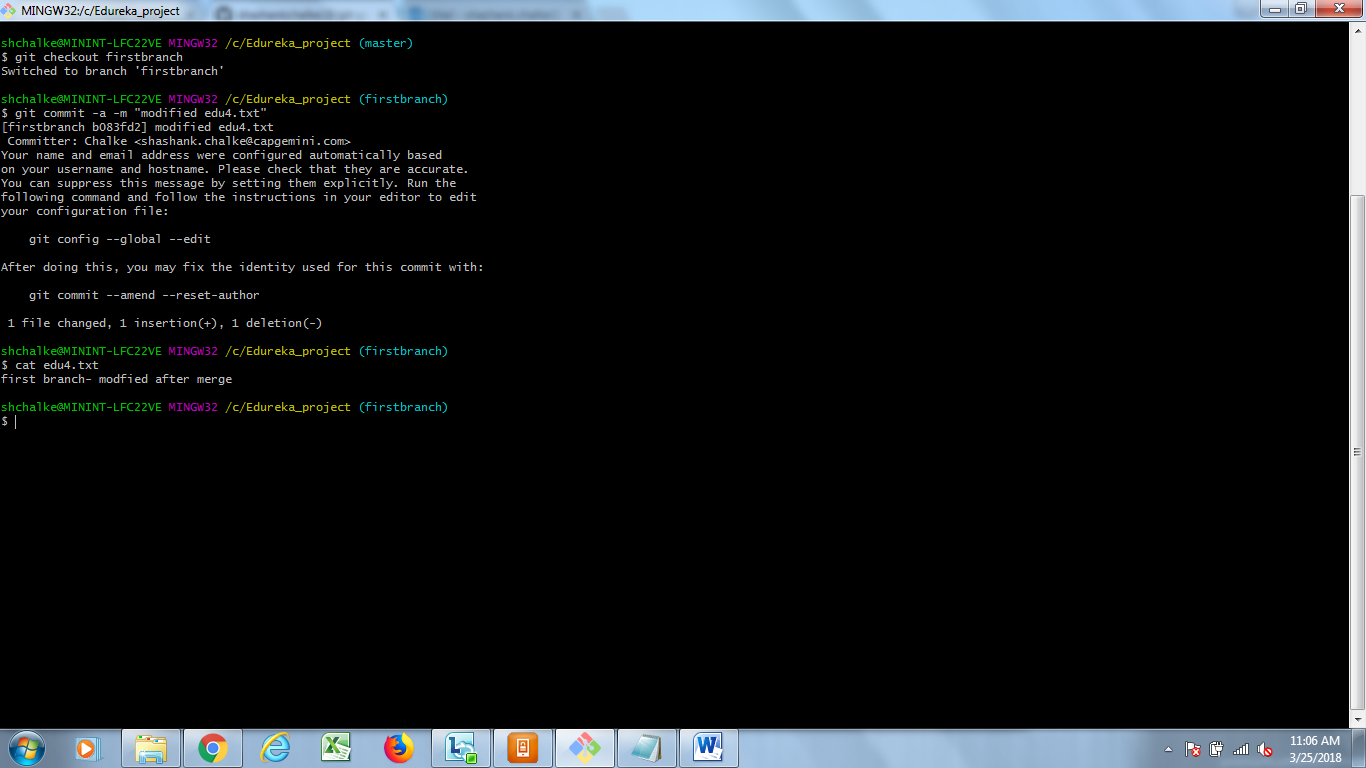
$



shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ cat edu4.txt

first branch- modfied after merge



Check master- edu4/txt is not modified

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ cat edu4.txt

first branch- modfied after merge

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git checkout master

Switched to branch 'master'

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ls

'~$t Commands.docx' desktop.ini edu1.txt edu2.txt edu3.txt edu4.txt 'Git Commands.docx' README.md

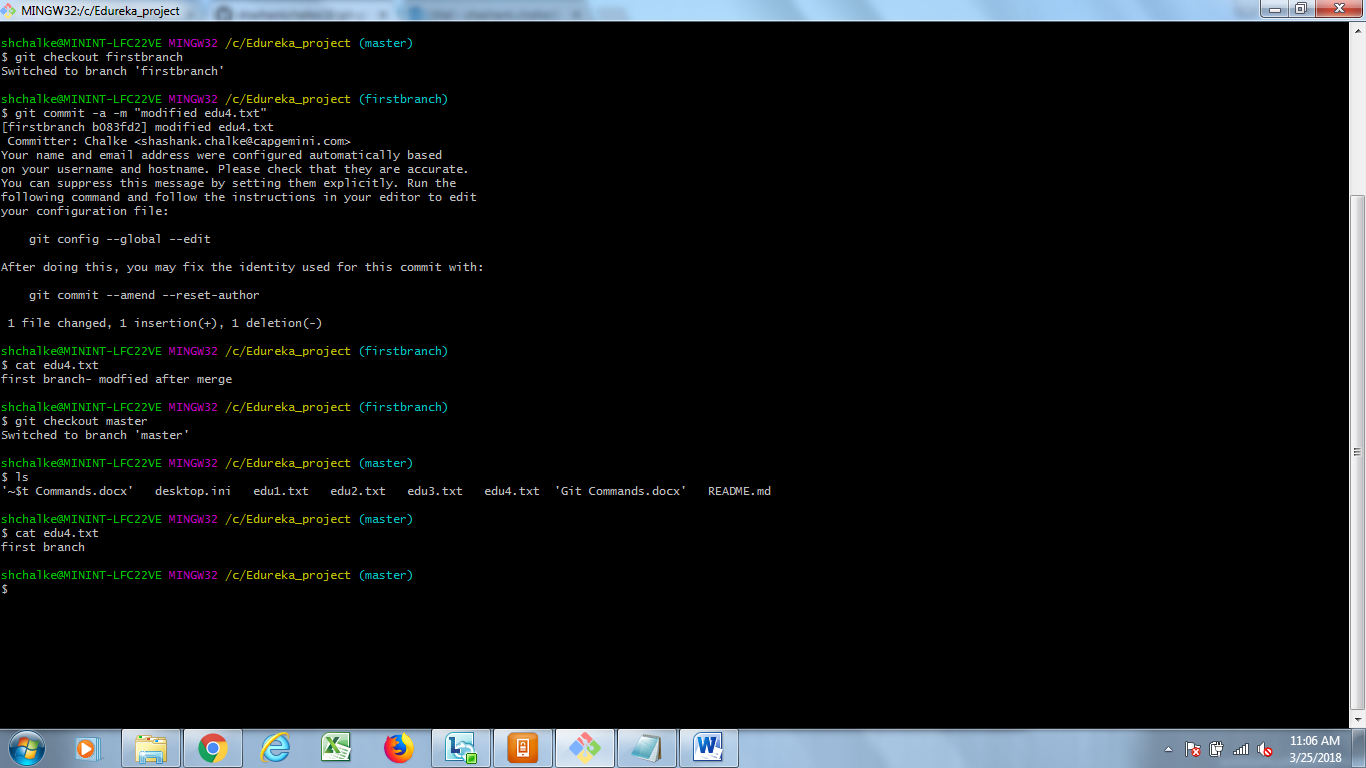
shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ cat edu4.txt

first branch

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



Merge and check if content changed on master file

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (firstbranch)

$ git checkout master

Switched to branch 'master'

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ ls

'~$t Commands.docx' desktop.ini edu1.txt edu2.txt edu3.txt edu4.txt 'Git Commands.docx' README.md

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ cat edu4.txt

first branch

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ git merge firstbranch

Updating 02d82b0..b083fd2

Fast-forward

edu4.txt | 2 +-

1 file changed, 1 insertion(+), 1 deletion(-)

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ cat.edu4.txt

bash: cat.edu4.txt: command not found

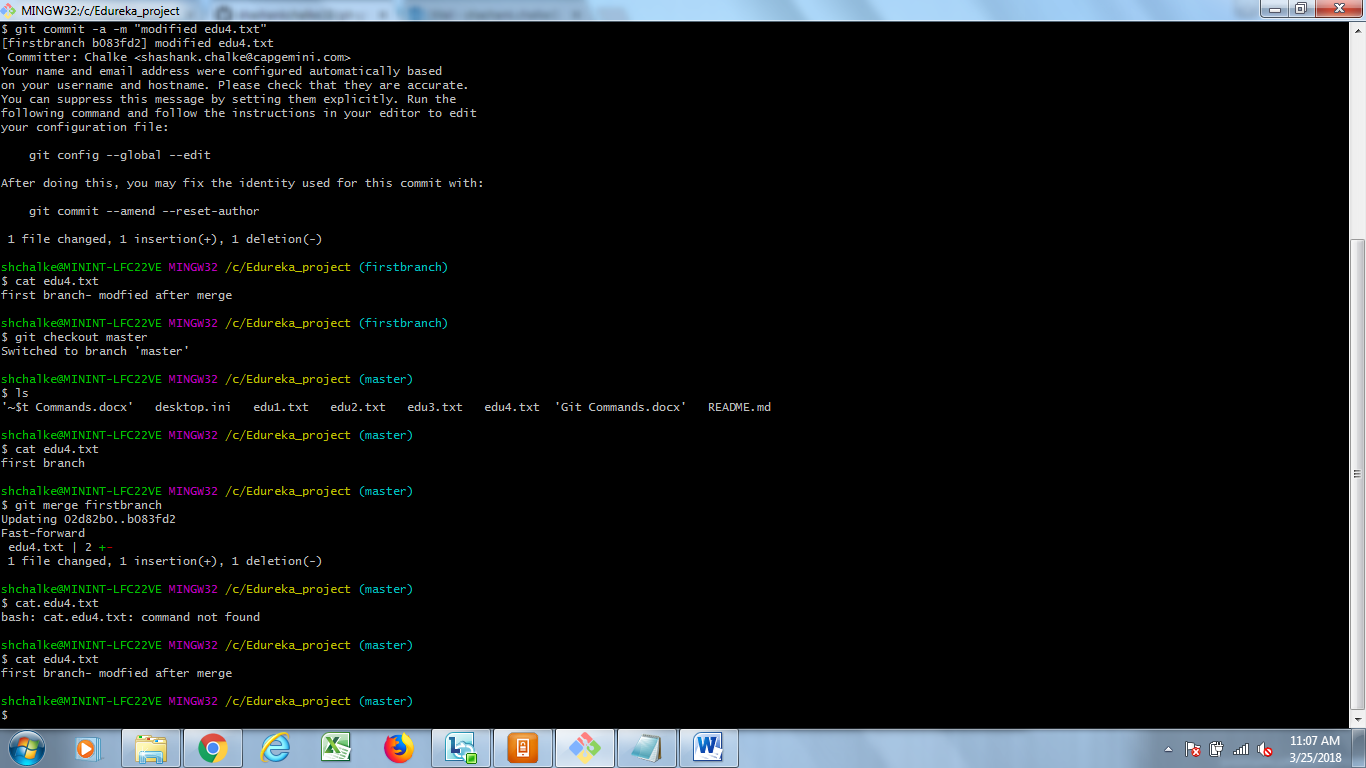
shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$ cat edu4.txt

first branch- modfied after merge

shchalke@MININT-LFC22VE MINGW32 /c/Edureka\_project (master)

$



Git fetch-- > pulls all changes from central repo into nonmaster brach

Git pull 🡪 pulls all changes from Central repository into master branch

Git pull = git fetch + git merge

When to use fetch vs pull?

Rebase – another type of merge when to use ? explore more