

How to change last commit message?

```
MINGW32/e/videos/Study/cs/important/Git and Github
starts from 1st udemy tutor

commit a12985557a87b5bbf275fb615319332fa4111ef4 (origin/
master)
Author: Suraj <yadavsurajkumar665@gmail.com>
Date: Sat May 14 19:42:48 2022 +0530

    added folder for udemy courses

commit 61b30ee80e0d5fddd8e31c85e0116bb4d989b1cf
Author: Suraj <yadavsurajkumar665@gmail.com>
Date: Fri May 13 09:35:52 2022 +0530

    completed code with harry

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and
Github (master)
$ git commit --amend
[master 4729ba9] starts from 1st udemy tutor
Date: Mon May 23 19:32:36 2022 +0530
10 files changed, 4 insertions(+), 1 deletion(-)
create mode 100644 .gitignore
delete mode 100644 Udemy/New Text Document.txt
create mode 100644 Udemy/Teacher 1/12.txt
create mode 100644 Udemy/Teacher 1/2.pdf
create mode 100644 Udemy/Teacher 1/4.pdf
create mode 100644 Udemy/Teacher 1/7.pdf
create mode 100644 Udemy/Teacher 1/8.pdf
create mode 100644 Udemy/Teacher 1/8.zip
create mode 100644 Udemy/Teacher 1/UC-815bbe88-e692-4e9e-8ca8-e4595feb1482.pdf
delete mode 100644 code with harry/new/18 git branching workflow in production/18.docx

Dell@SURAJ MINGW32 /e/videos/Study/cs/important/Git and Github (master)
$
```

VI editor

```

MINGW64/c/Users/Andrii_Piatakha/Desktop/Lern IT - Git
UPDATED Added .gitignore and removed bin/ from staging

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Thu Oct 8 00:02:46 2020 +0300
#
# On branch master
# Changes to be committed:
#   deleted:    .classpath
#   new file:   .gitignore
#   deleted:    bin/HelloWorld.class
#
# Changes not staged for commit:
#   modified:   src/HelloWorld.java
#
K (up)
H (left)      L (right)
J (down)

<C:\Users\Andrii_Piatakha\Desktop\Lern IT - Git\.git\COMMIT_EDITMSG [unix] (01:21 10/10/2020)1,11
<C:\Users\Andrii_Piatakha\Desktop\Lern IT - Git\.git\COMMIT_EDITMSG" [unix] 16L, 440C

```

To go to insert mode → to type anything in “vi” editor

[illegible]

To save the changes, first we have to go to common line mode for that press **Esc** Key

[illegible]

the type “:wq”, where w is for write and q is for quit

[illegible]

To add files in last commit without changing the last commit → Use “git commit --amend --no-edit”

```
MINGW64~/c/Users/Andrii_Piatakha/Desktop/Lern IT - Git
Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git add .
warning: LF will be replaced by CRLF in src/Helloworld.java.
The file will have its original line endings in your working directory

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git commit --amend --no-edit
[master 720fd02] vi editor test - Added .gitignore and removed bin/ from staging
Date: Thu Oct 8 00:02:46 2020 +0300
4 files changed, 4 insertions(+), 14 deletions(-)
delete mode 100644 .classpath
create mode 100644 .gitignore
delete mode 100644 bin/Helloworld.class

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ |
```

and hence the checksum is changed

```
MINGW64/c/Users/Andrii_Piatakha/Desktop/Lern IT - Git
Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git add .
warning: LF will be replaced by CRLF in src/Helloworld.java.
The file will have its original line endings in your working directory

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git commit --amend --no-edit
[master 720fd02] vi editor test - Added .gitignore and removed bin/ from staging
Date: Thu Oct 8 00:02:46 2020 +0300
4 files changed, 4 insertions(+), 14 deletions(-)
delete mode 100644 .classpath
create mode 100644 .gitignore
delete mode 100644 bin/Helloworld.class

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git log -1
commit 720fd02cd628098e573caeb70a7bcab9d21d4f4c (HEAD -> master)
Author: Andrii Piatakha <andrii.piatakha@example.com>
Date: Thu Oct 8 00:02:46 2020 +0300

    vi editor test - Added .gitignore and removed bin/ from staging

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$
```

Previous checksum started with
7dc88b9a4e...

How to unstage already staged files → type “git restore --staged filename.extension”, where filename is whole filename including its location

```
MINGW64/c/Users/Andrii_Piatakha/Desktop/Lern IT - Git
Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ touch someImportantConfigs.txt

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git add .
warning: LF will be replaced by CRLF in src/Helloworld.java.
The file will have its original line endings in your working directory

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   someImportantConfigs.txt
    modified:   src/Helloworld.java

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git restore --staged src/Helloworld.java
```


To restore file form its previous position → “git restore filename.extension”

MINGW64/c/Users/Andrii_Piatakha/Desktop/Lern IT - Git

```
Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ touch someImportantConfigs.txt

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git add .
warning: LF will be replaced by CRLF in src/HelloWorld.java.
The file will have its original line endings in your working directory

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   someImportantConfigs.txt
        modified:   src/HelloWorld.java

Andrii_Piatakha@EPUAKHAW1357 MINGW64 ~/Desktop/Lern IT - Git (master)
$ git restore --staged src/HelloWorld.java
```