

How to get back to previous commit made on Master

1 - `git log`

```
Hossein@DESKTOP-CHGJ5C0 MINGW64 /g/GitRepositories/8th Semester/Architecture Lab 2020/HW 1/HW1_9532250 (master)
$ git l
commit f6b4600e5f8e4c9d5f8464ba4f22f417ca65d8df (HEAD -> master, origin/master)
Author: Hossein <hossein.dehghanipour1998@gmail.com>
Date: Tue Mar 24 00:16:55 2020 +0430

    Created q1 & q2 SandBox

commit [redacted] let's call it hash "a"
Author: Hossein <hossein.dehghanipour1998@gmail.com>
Date: Tue Mar 24 00:15:38 2020 +0430

    Added TestFixture + Simulation(Behavioral Model) for Q1 (DFF)

commit [redacted]
Author: Hossein <hossein.dehghanipour1998@gmail.com>
Date: Sat Mar 14 22:32:07 2020 +0330

    Implemented a D_FF and ready to test

commit [redacted]
Author: Hossein Dehghanipour <hossein.dehghanipour1998@gmail.com>
Date: Tue Mar 10 12:31:51 2020 +0330

    Update README.md
```

Assume we want to ignore commit on March 24 and go to March 14 instead.

2 - `git reset HEAD~n` -> n is the number of commits we want to jump. (in this case : `$git reset HEAD~1`)

```
Initial commit
Hossein@DESKTOP-CHGJ5C0 MINGW64 /g/GitRepositories/8th Semest
$ git reset HEAD~1
Unstaged changes after reset:
D      HW 1/HW1_9532250/DFF.lso
D      HW 1/HW1_9532250/DFF.prj
D      HW 1/HW1_9532250/DFF.stx
D      HW 1/HW1_9532250/DFF.v
D      HW 1/HW1_9532250/DFF.xst
D      HW 1/HW1_9532250/DFF_summary.html
D      HW 1/HW1_9532250/DFF_test1.v
D      HW 1/HW1_9532250/DFF_test2.v
D      HW 1/HW1_9532250/DFF_test2_beh.prj
D      HW 1/HW1_9532250/DFF_test2_isim_beh.exe
D      HW 1/HW1_9532250/DFF_test2_isim_beh.wdb
D      HW 1/HW1_9532250/D_FF_Test1.v
D      HW 1/HW1_9532250/D_FF_Test1_beh.prj
D      HW 1/HW1_9532250/D_FF_Test1_isim_beh.exe
D      HW 1/HW1_9532250/D_FF_Test1_stx_beh.prj
D      HW 1/HW1_9532250/HW1_9532250.gise
D      HW 1/HW1_9532250/HW1_9532250.xise
D      HW 1/HW1_9532250/_xmsgs/pn_parser.xmsgs
D      HW 1/HW1_9532250/_xmsgs/xst.xmsgs
D      HW 1/HW1_9532250/fuse.log
D      HW 1/HW1_9532250/fuse.xmsgs
D      HW 1/HW1_9532250/fuseRelaunch.cmd
D      HW 1/HW1_9532250/iseconfig/DFF.xreport
D      HW 1/HW1_9532250/iseconfig/HW1_9532250.projectmgr
D      HW 1/HW1_9532250/isim.cmd
D      HW 1/HW1_9532250/isim.log
D      HW 1/HW1_9532250/isim/DFF_test2_isim_beh.exe.sim/DFF_
D      HW 1/HW1_9532250/isim/DFF_test2_isim_beh.exe.sim/ISim
```

if we want to ignore the changes that have been made :

3 - `git reset --hard`