1) Просмотрите историю коммитов в своём проекте и выберите три случайных коммита. Просмотрите изменения, которые были в них сделаны


```
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git log
commit ed753df34718ab121a5753f4e5a90f31f0ed6070 (HEAD -> master, origin/master)
Author: root <o.usmanov2014@yandex.ru>
Date:   Sat Apr 20 21:22:11 2024 +0300

    added .gitignore

commit 8e3b44d9e58dc1434faa79616c55d99a13a8c0de
Author: root <o.usmanov2014@yandex.ru>
Date:   Thu Apr 4 20:50:28 2024 +0300

    added new .py file

commit 11efdc7296139594c4c8026889c65e28711a1c00
Author: Olegumka <o.usmanov2014@yandex.ru>
Date:   Thu Apr 4 20:33:07 2024 +0300

    Initial commit
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects#
```

2) Верните эти изменения командой git revert последовательно, чтобы в итоге получилось тоже три коммита:


```
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git revert ed753df34718ab121a5753f4e5a90f31f0ed6070
[master 31f29ba] Revert "removed added .gitignore"
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 .gitignore
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git revert 8e3b44d9e58dc1434faa79616c55d99a13a8c0de
[master 3e2a022] Revert "removed .py file"
 7 files changed, 41 deletions(-)
 delete mode 100644 pythonProject/.idea/.gitignore
 delete mode 100644 pythonProject/.idea/inspectionProfiles/profiles_settings.xml
 delete mode 100644 pythonProject/.idea/misc.xml
 delete mode 100644 pythonProject/.idea/modules.xml
 delete mode 100644 pythonProject/.idea/pythonProject.iml
 delete mode 100644 pythonProject/.idea/vcs.xml
 delete mode 100644 pythonProject/test.py
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git revert 11efdc7296139594c4c8026889c65e28711a1c00
[master b88deca] Revert "Removed Initial commit"
 1 file changed, 1 deletion(-)
 delete mode 100644 README.md
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects#
```



```
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git log
commit b88decacde8b90f5d1b887a75cc29289f3c13a0b (HEAD -> master)
Author: root <o.usmanov2014@yandex.ru>
Date:   Sat Apr 20 21:28:37 2024 +0300

    Revert "Removed Initial commit"

    This reverts commit 11efdc7296139594c4c8026889c65e28711a1c00.

commit 3e2a022fc93f2156a029ca666c84f3c9ea234c26
Author: root <o.usmanov2014@yandex.ru>
Date:   Sat Apr 20 21:28:13 2024 +0300

    Revert "removed .py file"

    This reverts commit 8e3b44d9e58dc1434faa79616c55d99a13a8c0de.

commit 31f29ba1f9f31daa63ce6a4b0e872861e2f15768
Author: root <o.usmanov2014@yandex.ru>
Date:   Sat Apr 20 21:27:49 2024 +0300

    Revert "removed added .gitignore"

    This reverts commit ed753df34718ab121a5753f4e5a90f31f0ed6070.
```

3) Попробуйте отменить эти три коммита:

○ Последний — командами git reset --soft и git restore

```
-study:/home/lenovo-olegumka-study/PycharmProjects# git reset --soft b88decacde8b90f5d1b887a75cc29289f3c13a0b
-study:/home/lenovo-olegumka-study/PycharmProjects#
```

```
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git restore  pythonProject/.idea/workspace.xml
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects#
```

○ Предпоследний — командой git reset --mixed и git restore

```
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git reset --mixed 3e2a022fc93f2156a029ca666c84f3c9ea234c26
Unstaged changes after reset:
D       README.md
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git restore README.md
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects#
```

○ Первый — командой git reset --hard

```
    initial commit
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git reset --hard 31f29ba1f9f31daa63ce6a4b0e872861e2f15768
HEAD is now at 31f29ba Revert "removed added .gitignore"
root@lenovo-olegumka-study:/home/lenovo-olegumka-study/PycharmProjects# git log
commit 31f29ba1f9f31daa63ce6a4b0e872861e2f15768 (HEAD -> master)
Author: root <o.usmanov2014@yandex.ru>
Date:   Sat Apr 20 21:27:49 2024 +0300

    Revert "removed added .gitignore"

    This reverts commit ed753df34718ab121a5753f4e5a90f31f0ed6070.
```