**Task4. Final.**

*Report is required!*

1. perform revert one or several pushed commits on top

(by reset command)

**$ git reset –hard HEAD^**

**$ git push origin viktoriia\_sova -f**

1. squash several commits on top  
   (by reset or by rebase -i)

**git rebase –i HEAD~3**

1. perform revert of one pushed commit which not on top

(by rebase and reset or by cherry-pick of revert-commit)

|  |  |
| --- | --- |
| **Command** | **Description** |
| $ git log --graph --oneline viktoriia\_sova | To view the hash for commit |
| $ git cherry-pick 30bbf78 | Create a copy |
| $ git status | Getting status to establish a list of not added / updated files |
| $ git add hello\_Sova1.rb | Add a file |
| $ git commit -c 30bbf78 | Copy the text of an existing commit |
| $ git log --graph --oneline viktoriia\_sova | View the received hash for commit |
| $ git rebase -i HEAD~4 | Removes unnecessary file located in the middle of the branch |
| $ git rebase –continue | to continue |
| $ git mergetool | Merge |
| $ git rebase –continue | to continue |
| $ git log --graph --oneline viktoriia\_sova | View results |

**OR**

|  |  |
| --- | --- |
| **Command** | **Description** |
| $ git checkout 4acfa6b | Checkout the last usable commit (2). |
| $ git checkout -b torepair | Create a new branch to work on. |
| $ git cherry-pick 34fbf1b 0ee4373 | Run through commit (3 and 5). |
| $ git checkout viktoriia\_sova | Checkout viktoriia\_sova. |
| $ git reset --hard 4acfa6b | Reset master to last usable commit. |
| $ git merge torepair | Merge our new branch onto viktoriia\_sova. |
| $ git push origin viktoriia\_sova -f | Push viktoriia\_sova to the remote repo. |