https://github.com/fairy2853/homework

git init
git add .
git commit -m "a new project structure"
git add main.c
git commit -m "added an empty func"
git checkout -b dev1
git checkout master
git add main.c
git commit -m "dded printf func to file"
git checkout -b dev2
git checkout master
git add main.c
git commit --amend -m "dded printf func to file"
git checkout dev1
git add .
Git commit -m "added first func"
git add .
Git commit -m "added second func"
git checkout dev2
git add .
Git commit -m "added third func"
git add .
Git commit -m "added fourth func"
git checkout dev1
git rebase master
git checkout master
git merge dev1
git merge dev2 –no-ff -m "merge dev 2"
fixed manually conflicts
git reset –hard HEAD~2

```
nazariiyatsuk@pcn-nyatsuk-u:~/git_home_work$ git reflog
d5e5559 (HEAD -> master) HEAD@{0}: reset: moving to HEAD~2
596ff78 (origin/master) HEAD@{1}: commit (merge): fixed conflict
76d7e3f (dev1) HEAD@{2}: merge dev1: Fast-forward
8a170ac HEAD@{3}: checkout: moving from dev1 to master
76d7e3f (dev1) HEAD@{4}: rebase (finish): returning to refs/heads/dev1
76d7e3f (dev1) HEAD@{5}: rebase (pick): added second func
d5e5559 (HEAD -> master) HEAD@{6}: rebase (pick): added first func
8a170ac HEAD@{7}: rebase (start): checkout master
9ffcff9 HEAD@{8}: checkout: moving from master to dev1
8a170ac HEAD@{9}: checkout: moving from dev2 to master
9478316 (dev2) HEAD@{10}: commit: added fourth func
ed02129 HEAD@{11}: commit: added third func
1890ead HEAD@{12}: checkout: moving from dev1 to dev2
9ffcff9 HEAD@{13}: commit: added second func
4d23808 HEAD@{14}: commit: added first func
9206cae HEAD@{15}: checkout: moving from master to dev1
8a170ac HEAD@{16}: commit (amend): added printf
1890ead HEAD@{17}: checkout: moving from dev2 to master
1890ead HEAD@{18}: checkout: moving from master to dev2
1890ead HEAD@{19}: commit: added printf
9206cae HEAD@{20}: reset: moving to HEAD~
de8b244 HEAD@{21}: commit: added printf func to file
9206cae HEAD@{22}: checkout: moving from dev1 to master
9206cae HEAD@{23}: checkout: moving from master to dev1
9206cae HEAD@{24}: commit: added an empty func
cd26e58 HEAD@{25}: commit (initial): a new project structure
nazariiyatsuk@pcn-nyatsuk-u:~/git_home_work$ 
```

```
commit cd26e58bf84d77b7a4dbbbbb5367e77f0dce11ed
Author: Nazarii Yatsuk <nazarii.yatsuk@plvision.eu>
Date:   Tue Oct 21 20:55:26 2025 +0300

    a new project structure
nazariiyatsuk@pcn-nyatsuk-u:~/git_home_work$ git log
commit d5e5559fd1ad9b89b3984d1cef7bf10cc1309347 (HEAD -> master)
Author: Nazarii Yatsuk <nazarii.yatsuk@plvision.eu>
Date:   Tue Oct 21 23:23:35 2025 +0300

    added first func

commit 8a170ac70306704b909407072a0a0c4cceeb1a2e
Author: Nazarii Yatsuk <nazarii.yatsuk@plvision.eu>
Date:   Tue Oct 21 23:17:04 2025 +0300

    added printf

commit 9206caea4c43e58a0675373067f1eb3eb107e493
Author: Nazarii Yatsuk <nazarii.yatsuk@plvision.eu>
Date:   Tue Oct 21 21:06:48 2025 +0300

    added an empty func

commit cd26e58bf84d77b7a4dbbbbb5367e77f0dce11ed
Author: Nazarii Yatsuk <nazarii.yatsuk@plvision.eu>
Date:   Tue Oct 21 20:55:26 2025 +0300

    a new project structure
nazariiyatsuk@pcn-nyatsuk-u:~/git_home_work$ 
```