Kasus 2: Salah Commit ke Branch yang Salah

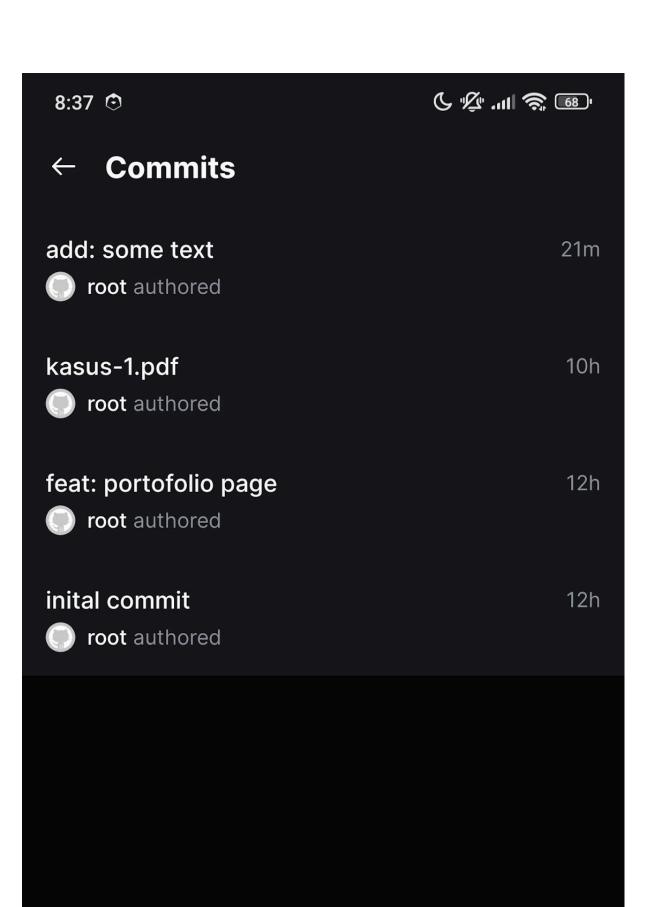
```
8:17 🛇 …
root@srv907114:~/bootcamp-devops-dla-ss001-alan# git branch
  development
  feature
* main
root@srv907114:~/bootcamp-devops-dla-ss001-alan# 11
total 28
drwxr-xr-x 5 root root 4096 Jul 23 13:58 ./
drwx----- 14 root root 4096 Jul 24 01:15 ../
drwxr-xr-x 8 root root 4096 Jul 24 01:11 .git/
                          1 Jul 23 13:20 .gitignore
-rw-r--r-- 1 root root
-rw-r--r-- 1 root root
                          5 Jul 23 13:20 README.md
drwxr-xr-x 2 root root 4096 Jul 23 15:16 docs/
drwxr-xr-x 2 root root 4096 Jul 24 01:11 src/
root@srv907114:~/bootcamp-devops-dla-ss001-alan# cd src/
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# nano index.ht
ml
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git status
On branch main
Your branch is up to date with 'origin/main'.
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working direc
tory)
no changes added to commit (use "git add" and/or "git commit -a")
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git add -v .
add 'src/index.html'
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git commit -m
 "add: some text"
[main bbf2386] add: some text
Committer: root <root@srv907114.hstgr.cloud>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to ed
it
your configuration file:
    git config --global --edit
After doing this, you may fix the identity used for this commit wi
th:
    git commit --amend --reset-author
1 file changed, 1 insertion(+)
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git push
Enter passphrase for key '/root/.ssh/github_keys':
```

Enumerating objects: 7, done.

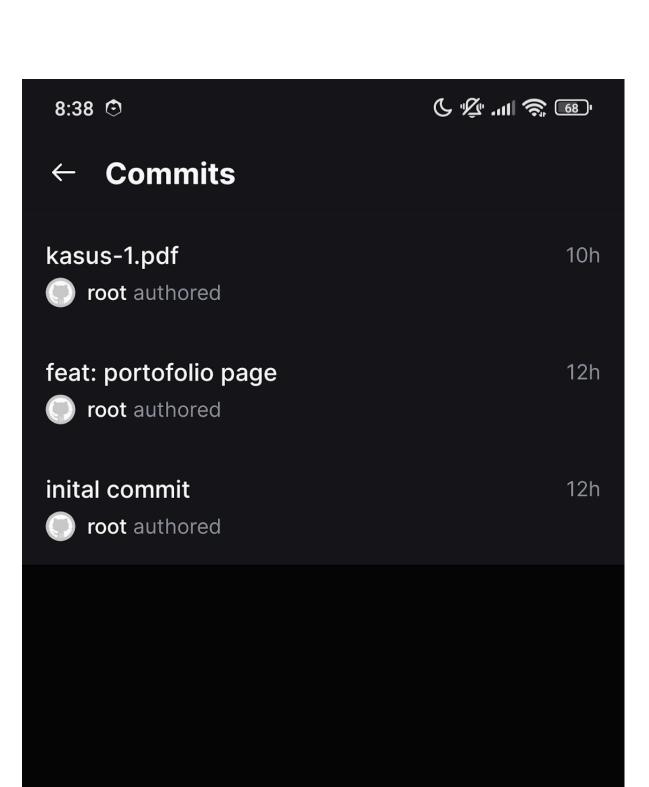
Counting objects: 100% (7/7), done. Delta compression using up to 2 threads

ompressing objects: 100% (2/2)

- 1. Disini saya sudah di branch main
- 2. Membuat commit kemudian push di main



1. Ini adalah tampilan commit main



1. Ini adalah tampilan commit feature

```
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git checkout
feature
Switched to branch 'feature'
Your branch is up to date with 'origin/feature'.
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git branch
 development
* feature
 main
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git merge mai
n -m "add: some text"
Updating dcb3c14..bbf2386
Fast-forward (no commit created; -m option ignored)
src/index.html | 1 +
1 file changed, 1 insertion(+)
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git push
Enter passphrase for key '/root/.ssh/github_keys':
Total O (delta O), reused O (delta O), pack-reused O
To github.com:Xneine/bootcamp-devops-dla-ss001-alan.git
   dcb3c14..bbf2386 feature -> feature
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src#
```

- Disini saya melakukan merge dari main ke feature
 Melakukan push ke branch feature



root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git checkout
main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git reset --h
ard HEAD~1

HEAD is now at dcb3c14 kasus-1.pdf

root@srv907114:~/bootcamp-devops-dla-ss001-alan/src# git push --fo
rce

Enter passphrase for key '/root/.ssh/github_keys':

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0

To github.com:Xneine/bootcamp-devops-dla-ss001-alan.git

+ bbf2386...dcb3c14 main -> main (forced update)

root@srv907114:~/bootcamp-devops-dla-ss001-alan/src#

- 1. Saya kembali ke main kemudian melakukan perintah "git reset –hard HEAD~1" yang artinya kembali ke 1 commit sebelum terakhir
- 2. git push –force, untuk mensinkronkan dengan github
- Penjelasan skenario -> saya salah push main -> pindah ke feature merge dari main -> lakukan push ke feature -> kembali ke main dan git reset -> push branch main
- Solusi yang kamu pilih -> merge kemudian git reset
- Perintah Git yang kamu gunakan: git merge, git reset, git push –force.