Kasus 2: Salah Commit ke Branch yang Salah

```
root@srv907114:~/bootcamp-devops-dla-ss001-alan# git branch
  development
  feature
* main
root@srv907114:~/bootcamp-devops-dla-ss001-alan# ll
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/
-rw-r--r--  1 root root    1 Jul 23 13:20 .gitignore
-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)
        modified:   index.html

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
Compressing objects: 100% (3/3), done.
```

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

add: some text   21m
root authored

kasus-1.pdf   10h
root authored

feat: portofolio page   12h
root authored

inital commit   12h
root authored

1. Ini adalah tampilan commit main

kasus-1.pdf   10h
root authored

feat: portofolio page   12h
root authored

inital commit   12h
root authored

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 0 (delta 0), reused 0 (delta 0), pack-reused 0
To github.com:Xneine/bootcamp-devops-dla-ss001-alan.git
   dcb3c14..bbf2386  feature -> feature
root@srv907114:~/bootcamp-devops-dla-ss001-alan/src#
```

1. Disini saya melakukan merge dari main ke feature
2. 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.