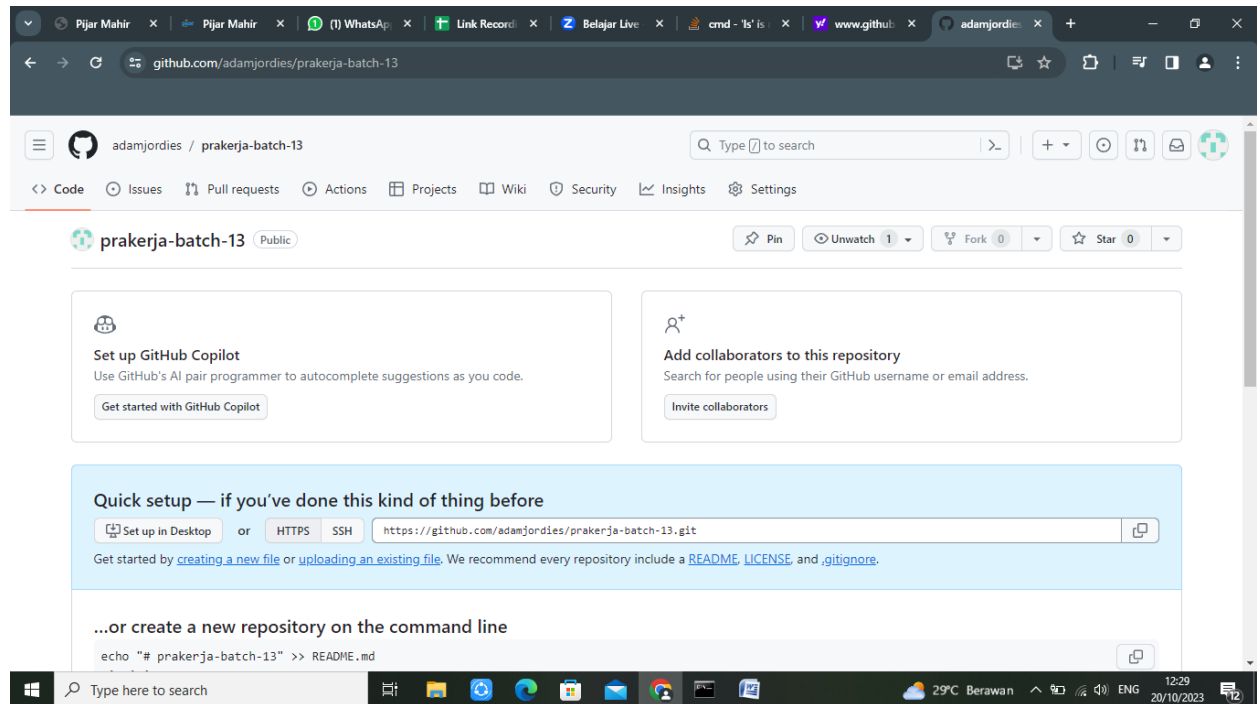


1. Buat sebuah repository di Github



2. Implementasikan penggunaan branching yang terdiri dari master, development, featureA dan feature

* Master

```
C:\WINDOWS\system32\cmd.exe
C:\Users\hp\Documents\GO\Day-1\remote>git config --global user.name "adamjordies"
C:\Users\hp\Documents\GO\Day-1\remote>git commit -m "init prakerja file "
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'hp@DESKTOP-MABUCHJ.(none)')
C:\Users\hp\Documents\GO\Day-1\remote>git config --global user.email "adamjordie18472@gmail.com"
C:\Users\hp\Documents\GO\Day-1\remote>git config --global user.name "adamjordies"
C:\Users\hp\Documents\GO\Day-1\remote>git commit -m "init prakerja file "
[master (root-commit) dd8196d] init prakerja file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 prakerja.txt.txt
C:\Users\hp\Documents\GO\Day-1\remote>git branch
* master
C:\Users\hp\Documents\GO\Day-1\remote>
```

* Development

```
CA\WINDOWS\system32\cmd.exe

C:\Users\hnp\Documents\GO\Day-1>git pull origin master
fatal: not a git repository (or any of the parent directories): .git

C:\Users\hnp\Documents\GO\Day-1>git init
Initialized empty Git repository in C:/Users/hnp/Documents/GO/Day-1/.git/

C:\Users\hnp\Documents\GO\Day-1>git checkout -b master
Switched to a new branch 'master'

C:\Users\hnp\Documents\GO\Day-1>git checkout -b development
Switched to a new branch 'development'

C:\Users\hnp\Documents\GO\Day-1>
```

* featureA

```
CA\WINDOWS\system32\cmd.exe

--progress          allow merging unrelated histories
-S, --pgp-sign[=<key-id>] force progress reporting
                        GPG sign commit
--autostash          automatically stash/stash pop before and after
--overwrite-ignore   update ignored files (default)
--signoff            add a Signed-off-by trailer
--no-verify          bypass pre-merge-commit and commit-msg hooks

C:\Users\hnp\Documents\GO\Day-1>git add .
warning: adding embedded git repository: clone/prakerja-batch-13
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> clone/prakerja-batch-13
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached clone/prakerja-batch-13
hint:
hint: See "git help submodule" for more information.

C:\Users\hnp\Documents\GO\Day-1>git merge featureA
Already up to date.

C:\Users\hnp\Documents\GO\Day-1>
```

* featureB

```
C:\WINDOWS\system32\cmd.exe
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> clone/prakerja-batch-13
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint:   git rm --cached clone/prakerja-batch-13
hint:
hint: See "git help submodule" for more information.

C:\Users\hp\Documents\GO\Day-1>git merge featureA
Already up to date.

C:\Users\hp\Documents\GO\Day-1>git checkout -b featureB
Switched to a new branch 'featureB'

C:\Users\hp\Documents\GO\Day-1>git add .

C:\Users\hp\Documents\GO\Day-1>git commit -m "Implementasi featureB"
On branch featureB
nothing to commit, working tree clean

C:\Users\hp\Documents\GO\Day-1>git checkout development
Switched to branch 'development'

C:\Users\hp\Documents\GO\Day-1>git merge featureB
Already up to date.

C:\Users\hp\Documents\GO\Day-1>
```

3. Implementasikan intruksi git untuk push, pull, stash dan merge

* Push

```
C:\WINDOWS\system32\cmd.exe
C:\Users\hp\Documents\GO\Day-1>git commit "add changes prakerja.txt"
error: pathspec 'add changes prakerja.txt' did not match any file(s) known to git

C:\Users\hp\Documents\GO\Day-1>git commit -m "add change prakerja.txt"
[development fe817ee] add change prakerja.txt
1 file changed, 2 insertions(+)

C:\Users\hp\Documents\GO\Day-1>git push origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/adamjordies/prakerja-batch-13.git'

C:\Users\hp\Documents\GO\Day-1>git commit -m "add change prakerja.txt.txt"
On branch development
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
  (commit or discard the untracked or modified content in submodules)
        modified:   clone/prakerja-batch-13 (modified content)
        modified:   remote (modified content, untracked content)

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\hp\Documents\GO\Day-1>git push origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/adamjordies/prakerja-batch-13.git'

C:\Users\hp\Documents\GO\Day-1>git push origin master https://github.com/adamjordies/prakerja-batch-13.git
fatal: invalid refspec 'https://github.com/adamjordies/prakerja-batch-13.git'

C:\Users\hp\Documents\GO\Day-1>
```

* Pull

```
C:\WINDOWS\system32\cmd.exe
ini berasal dari conflict clone

C:\Users\hpb\Documents\GO\Day-1>git push origin C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13
fatal: invalid refspec 'C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13'

C:\Users\hpb\Documents\GO\Day-1>cd..

C:\Users\hpb\Documents\GO>git init
Initialized empty Git repository in C:/Users/hpb/Documents/GO/.git/

C:\Users\hpb\Documents\GO>git commit master
error: pathspec 'master' did not match any file(s) known to git

C:\Users\hpb\Documents\GO>git merge master
merge: master - not something we can merge

C:\Users\hpb\Documents\GO>cd C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13

C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13>git add .

C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13>git commit -m "add conflict change"
[master 2979173] add conflict change
1 file changed, 3 insertions(+)

C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13>git pull origin master
From https://github.com/adamjordies/prakerja-batch-13
* branch      master       -> FETCH_HEAD
Already up to date.

C:\Users\hpb\Documents\GO\Day-1\clone\prakerja-batch-13>
```

* Stash

The screenshot shows a web browser window with the URL `lms.pijarmahir.id/mod/resource/view.php?id=36284`. The page displays a course titled "Berkarir Sebagai Backend Engineer dengan G...". On the left, there is a sidebar with a list of training materials under the heading "Materi Pelatihan". The main content area shows a document viewer with a file named "prakerja.txt".

Overlaid on the browser window is a terminal window showing the following commands and output:

```
C:\WINDOWS\system32\cmd.exe
+ini berasal dari clone add
+ini berasal dari conflict remote
+ini perubahan A
+ini perubahan B
+No newline at end of file

C:\Users\hpb\Documents\GO\Day-1\remote>git stash
Saved working directory and index state WIP on master: dd8196d init prakerja file
warning: unable to rmdir 'prakerja-batch-13': Directory not empty

C:\Users\hpb\Documents\GO\Day-1\remote>git diff

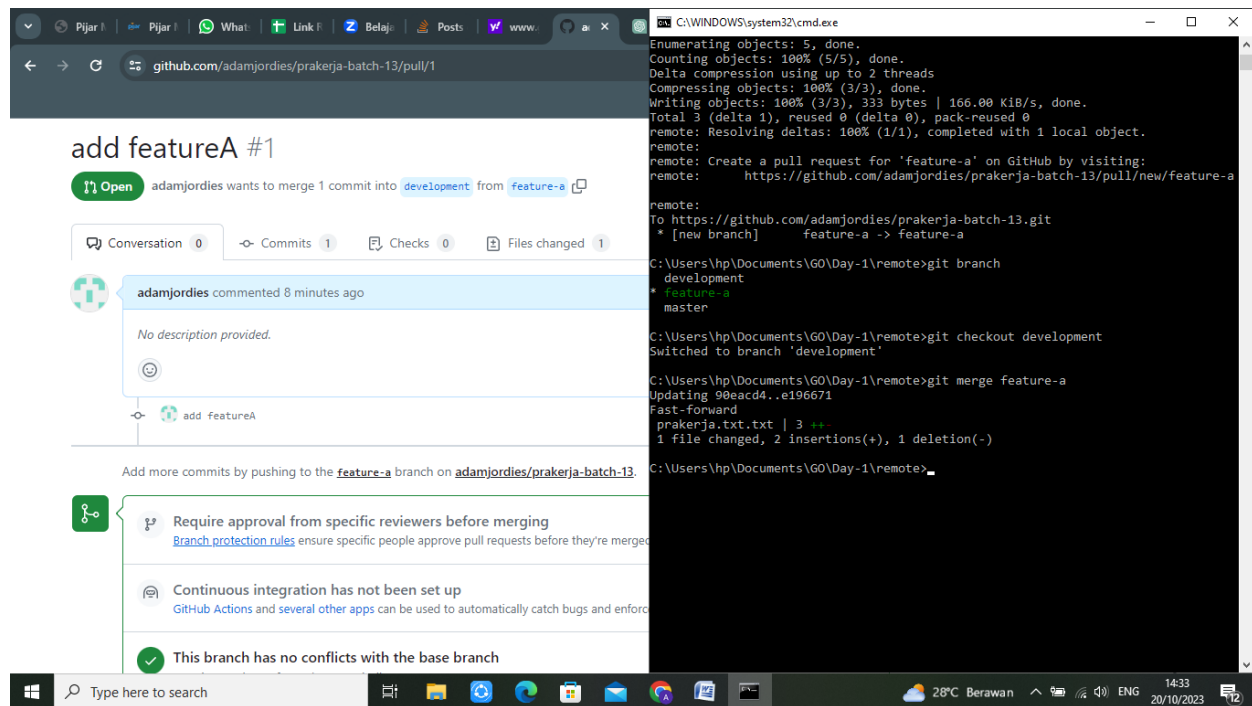
C:\Users\hpb\Documents\GO\Day-1\remote>notepad prakerja.txt.txt

C:\Users\hpb\Documents\GO\Day-1\remote>notepad prakerja.txt.txt

C:\Users\hpb\Documents\GO\Day-1\remote>git stash apply
On branch master
Changes to be committed:
  prakerja.txt

C:\Users\hpb\Documents\GO\Day-1\remote>
```

4. Implementasikan sebuah penanganan conflict di branch development ketika setelah merge dari branch featureA lalu merge dari branch featureB (Conflict bisa terjadi jika kedua branch mengerjakan di file dan line code yang sama)



5. Gunakan merge no fast forward

