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Bekerja dengan Git

1. Masuk ke direktori yang telah kita buat, kemudian buat jadi Repo Git

2. Kemudian Cek apakah file tersebut terdeteksi sebagai untracked

3. Kemudian buat file tersebut sudah di awasi (tracked) oleh GIT

```
nothing added to commit but untracked files present (use "git add" to track)

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git add Jaringan.html

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Jaringan.html


ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$
```

4. Lalu kita buat commit atau pesan apa yang telah kita tambahkan

```
commit
ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git commit -m "menambahkan file Jaringan.html"
[master (root-commit) 39158f0] menambahkan file Jaringan.html
 1 file changed, 9 insertions(+)
 create mode 100644 Jaringan.html

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$
```

5. menambahkan ke staging area lalu comit

```
MINGW32:/c/Users/ACER/Desktop/Anisapagau_Jaringan
$ git status
On branch master
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)
        modified:   Jaringan.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        jaringan.css

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

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git add .

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Jaringan.html
        new file:   jaringan.css


ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git commit -m "mengubah file Jaringan.html dan menambahkan file Jaringan.css"
[master bad9642] mengubah file Jaringan.html dan menambahkan file Jaringan.css
 2 files changed, 5 insertions(+)
 create mode 100644 jaringan.css

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$
```
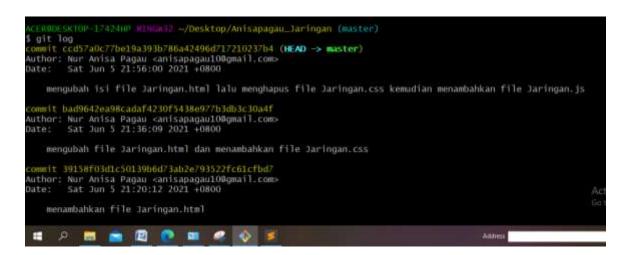
6. melakukan proses penghapusan salah satu file


```
MINGW32:/c/Users/ACER/Desktop/Anisapagau_Jaringan                                    —   □   ×
   (use "git restore <file>..." to discard changes in working directory)
        modified:   Jaringan.html
        deleted:    jaringan.css

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        jaringan.js

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

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git add .

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Jaringan.html
        deleted:    jaringan.css
        new file:   jaringan.js


ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git commit -m "mengubah isi file Jaringan.html lalu menghapus file Jaringan.css kemudian menambahkan file Jaringan.js"
[master ccd57a0] mengubah isi file Jaringan.html lalu menghapus file Jaringan.css kemudian menambahkan file Jaringan.js
 3 files changed, 145 insertions(+), 14 deletions(-)
 rewrite Jaringan.html (64%)
 delete mode 100644 jaringan.css
 create mode 100644 jaringan.js
                                                                    Activate Windows
ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)   Go to Settings to activate Windows.
$ |
```

7. Tampilkan semua log perubahan


```
ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git log
commit ccd57a0c77be19a393b786a42496d717210237b4 (HEAD -> master)
Author: Nur Anisa Pagau <anisapagau10@gmail.com>
Date:   Sat Jun 5 21:56:00 2021 +0800

    mengubah isi file Jaringan.html lalu menghapus file Jaringan.css kemudian menambahkan file Jaringan.js

commit bad9642ea98cadaf4230f5438e977b3db3c30a4f
Author: Nur Anisa Pagau <anisapagau10@gmail.com>
Date:   Sat Jun 5 21:36:09 2021 +0800

    mengubah file Jaringan.html dan menambahkan file Jaringan.css

commit 39158f03d1c50139b6d73ab2e793522fc61cfbd7
Author: Nur Anisa Pagau <anisapagau10@gmail.com>
Date:   Sat Jun 5 21:20:12 2021 +0800            Act
                                                  Go
    menambahkan file Jaringan.html
```

8. Log hanya untuk 1 jenis file

```
MINGW32:/c/Users/ACER/Desktop/Anisapagau_Jaringan
ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git log -- jaringan.html

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git log -- jaringan.css
commit ccd57a0c77be19a393b786a42496d717210237b4 (HEAD -> master)
Author: Nur Anisa Pagau <anisapagau100@gmail.com>
Date:   Sat Jun 5 21:56:00 2021 +0800

    mengubah isi file Jaringan.html lalu menghapus file Jaringan.css kemudian menambahkan file Jaringan.js

commit bad9642ea98cadaf4230f5438e977b3db3c30a4f
Author: Nur Anisa Pagau <anisapagau100@gmail.com>
Date:   Sat Jun 5 21:36:09 2021 +0800

    mengubah file Jaringan.html dan menambahkan file Jaringan.css
```

9. Kemudian lakukan proses pengembalian file dan berikan commit

```
ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git checkout ccd57 -- jaringan.js

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   jaringan.js


ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$ git commit -m "mengembalikan file jaringan.js"
[master 72c962a] mengembalikan file jaringan.js
 1 file changed, 64 insertions(+)
 create mode 100644 jaringan.js

ACER@DESKTOP-17424HP MINGW32 ~/Desktop/Anisapagau_Jaringan (master)
$
```