

ACTIVITY PERTEMUAN 7

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MATERI : Dokumentasi Pengembangan Perangkat Lunak Terpadu, Version Control System, GIT, dan Github

MATA PRAKTIKUM: Rekayasa Perangkat Lunak 2

Screenshot kode dan output program

```
MINGW64/c/Users/clara
c:\lara\LAPTOP-PHOSRPPT MINGW64 -
$ git config --global user.name "claramarsya"
c:\lara\LAPTOP-PHOSRPPT MINGW64 -
$ git config --global user.email "claramarsyaa@gmail.com"
c:\lara\LAPTOP-PHOSRPPT MINGW64 -
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcert=C:\Program Files\Git\mingw64\etc\ssl\certs\ca-bundle.crt
core.autocrlf=true
core.fsmonitor=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=claramarsya
user.email=claramarsyaa@gmail.com
```

```
MINGW64/c/Users/clara/Pert7_362
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362
$ echo "# Pertemuan7" >> README.md
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362
$ git init
Initialized empty Git repository in c:/Users/clara/Pert7_362/.git/
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (master)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   README.md
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (master)
$ git commit -m "first commit"
[master (root-commit) 34a2afb] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.md
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (master)
$ git branch -M main
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (main)
$ git remote add origin https://github.com/claramarsya/Pertemuan7.git
c:\lara\LAPTOP-PHOSRPPT MINGW64 ~/Pert7_362 (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 222 bytes | 222.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/claramarsya/Pertemuan7.git
 * [new branch] main -> main
branch 'main' set up to track 'origin/main'.
```

```
EXPLORER
main.java 1 x
PERT7_362
main.java
main.java > ...
1 public class main {
2     Run main | Debug main | Run | Debug
3     public static void main(String[] args) {
4         System.out.println(x: "Hello, World!");
5
6         String[] books = {"Java Programming", "Database Design", "Web Development"};
7         System.out.println(x: "Available Books:");
8         for (String book : books) {
9             System.out.println("- " + book);
10        }
11    }
```

```
clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git add main.java

clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git status

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   main.java
```

```
clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git commit -m "new code"
[main f0ef5d1] new code
 1 file changed, 5 insertions(+)
 create mode 100644 main.java

clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 367 bytes | 367.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/claramarsya/Pertemuan7.git
 34a2afb..f0ef5d1  main -> main
branch 'main' set up to track 'origin/main'.

clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git add main.java

clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git commit -m "update code"
[main bf705a2] update code
 1 file changed, 6 insertions(+)

clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (main)
• $ git checkout -b fitur-baru
Switched to a new branch 'fitur-baru'
```

```
clara@LAPTOP-PM05RPPT MINGW64 ~/Pert7_362 (fitur-baru)
• $ git push -u origin fitur-baru
Enumerating objects: 5, done.
.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'fitur-baru' on GitHub by visiting:
remote:   https://github.com/claramarsya/Pertemuan7/pull/new/fitur-baru
remote:
To https://github.com/claramarsya/Pertemuan7.git
 * [new branch]   fitur-baru -> fitur-baru
branch 'fitur-baru' set up to track 'origin/fitur-baru'.
```