

Git-Labs :

Git – Lab1

Step 1 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /  
$ mkdir git-test
```

Step 2 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /  
$ cd git-test  
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test  
$ mkdir test01
```

Step 3 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test  
$ cd test01
```

Step 4 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01  
$ git init  
Initialized empty Git repository in C:/Program Files/Git/git-test/test01/.git/
```

Step 5 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ touch first.txt
```

Step 6 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ git add .  
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ git commit -m "add first.txt file to test01 repository"  
[master (root-commit) 7c4ac89] add first.txt file to test01 repository  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 first.txt
```

Step 7 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ touch second.txt  
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ git add .  
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ git status  
On branch master  
Changes to be committed:  
  (use "git restore --staged <file>..." to unstage)  
    new file:   second.txt  
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)  
$ git commit -m "add second.txt file to test01 repository"  
[master 967141d] add second.txt file to test01 repository  
1 file changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 second.txt
```

Step 8 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)
$ touch third.txt && touch fourth.txt

LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        fourth.txt
        third.txt

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

LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)
$ git add .

LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)
$ git commit -m "add third.txt & fourth.txt files to test01 repository"
[master 00a30cf] add third.txt & fourth.txt files to test01 repository
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
 create mode 100644 third.txt

LENOVO@DESKTOP-ON2KSMC MINGW64 /git-test/test01 (master)
$ git log
commit 00a30cf4458ea4c6e17341f1a90f7388dac9f477 (HEAD -> master)
Author: AbdullahSo <thabetb21@gmail.com>
Date:   Tue Jul 23 18:21:04 2024 +0300

    add third.txt & fourth.txt files to test01 repository

commit 967141dd213c23bfea78f7105f1d97f67319306c
Author: AbdullahSo <thabetb21@gmail.com>
Date:   Tue Jul 23 18:18:34 2024 +0300

    add seconed.txt file to test01 repository

commit 7c4ac899441aa6bec203f4f14a27d3c21e84d113
Author: AbdullahSo <thabetb21@gmail.com>
Date:   Tue Jul 23 18:16:37 2024 +0300

    add first.txt file to test01 repository
```

## Git – Lab2

Step 1 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git branch
* master
```

Step 2 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git checkout -b new-feature
Switched to a new branch 'new-feature'
```

Step 3 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git branch
* master
  new-feature
```

Step 4 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (new-feature)
$ touch lab02.txt

LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (new-feature)
$ git add .

LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (new-feature)
$ git commit -m"add lab02 file"
[new-feature e795509] add lab02 file
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab02
create mode 100644 lab02.txt
```

Step 5 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (new-feature)
$ ls
first.txt  fourth.txt  lab02  lab02.txt  second.txt  third.txt
```

Step 6 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (new-feature)
$ git checkout master
Switched to branch 'master'

LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ ls
first.txt  fourth.txt  second.txt  third.txt
```

Step 7 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git merge new-feature
Updating 7e367f7..e795509
Fast-forward
 lab02      | 0
 lab02.txt  | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 lab02
 create mode 100644 lab02.txt

LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ ls
first.txt  fourth.txt  lab02  lab02.txt  second.txt  third.txt
```

## Git – Lab3

Step 1 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git remote
```

Step 2 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (master)
$ git remote add origin https://github.com/AbdullahSoli/Git-Lab-23-07.git
```

Step 3 :

```
LENOVO@DESKTOP-ON2KSMC MINGW64 ~/git-test/test01 (main)
$ git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 414 bytes | 414.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/AbdullahSoli/Git-Lab-23-07.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

Github :

The screenshot shows the GitHub repository page for 'Git-Lab-23-07' by user 'AbdullahSoli'. The repository is public and has 1 branch (main) and 0 tags. The file list shows the following files and their commit history:

File	Commit	Time
first.txt	add	1 hour ago
fourth.txt	add	1 hour ago
lab02	add lab02 file	1 hour ago
lab02.txt	add lab02 file	1 hour ago
second.txt	add	1 hour ago
third.txt	add	1 hour ago

The right sidebar shows the repository's activity, including 0 stars, 1 watching, and 0 forks. The 'Releases' section indicates no releases have been published, and the 'Packages' section is currently empty.