

أكاديمية طويق
Tuwaiq Academy



My computer is operating system is MAC OS .

Git-Lab1

T1: open Terminal.

T2: Go to Desktopw with terminal.

```
cd Desktop
```

T3: create directory “git-test” in the desktop folder.

```
mkdir git-test
```

T4: Go to git-test and create a directory “test01” .

```
cd git-test
```

```
mkdir test01
```

T5: go to test01.

```
cd test01
```

T6: create repository by use git init.

```
git init
```

T7: create file “first.txt” and save it in the repository.

```
touch first.txt
```

```
git add .
```

```
git commit -m "create file"
```

T8: after the commit ,make file “second.txt” and save it in the repository.

```
touch second.txt
```

```
git add .
```

```
git commit -m "create file"
```

T9: after the commit ,make two file “third.txt” “fourth.txt” .

```
touch third.txt
```

```
touch fourth.txt
```

T10: save it in the repository ,and use the (add)and (commit) commands.

git add .

git commit -m "create two file"

T11: know show all the commits use git log command.

```
(base) izx_gamex@MacBookPro test01 % git log
commit c01dbad481b2383a76ab6a9e733a709930ead1c1 (HEAD -> main)
Author: zaidAlkhathlan <444001475@sm.imamu.edu.sa>
Date: Mon Jan 27 19:09:50 2025 +0300

    create two file

commit aaab5a4b88b793e76bb5d769361dcd654bb8bd5b
Author: zaidAlkhathlan <444001475@sm.imamu.edu.sa>
Date: Mon Jan 27 19:02:09 2025 +0300

    create file

commit 0fded462aeb30d3b4b47c0c7bc2bd299b206d2e4
Author: zaidAlkhathlan <444001475@sm.imamu.edu.sa>
Date: Mon Jan 27 18:58:40 2025 +0300

    create file
```

Git-Lab2

T1: open the terminal and go to test01 directory.

```
cd Desktop
```

```
cd git-test
```

```
cd test01
```

T2: show all the branches in the project.

```
git branch
```

T3:now create a new branch “new-feature” and switch to it.

```
git branch new-feature
```

```
git checkout new-feature
```

T4:in the new-feature branch create a file “lab02.txt” and add it and commit for this file.

```
touch lab02.txt
```

```
git add .
```

```
git commit -m "create new file in new-feature branch"
```

T5:show the files in new-feature branch.

ls

first.txt fourth.txt lap02.txt second.txt third.txt

T6: go back to main branch and show the files ,the file lap02.txt will be not there ,so merge the two branches .

ls

first.txt fourth.txt second.txt third.txt

git merge new-feature

T7:show the files in the main branch.

ls

first.txt fourth.txt lap02.txt second.txt third.txt

Git-Lab3

T1:go to the test01 directory.

```
cd Desktop
```

```
cd git-test
```

```
cd test01
```

T2:show the remote that is in it.

```
git remote -v
```

T3:go to GitHub and create a repository and copy the URL for the repository.

The URL: <https://github.com/zaidAlkhathlan/Git-lap.git>

T4:add the URL in the terminal.

```
git remote add origin https://github.com/zaidAlkhathlan/Git-lap.git
```

T5:upload all the files and edits to the repository use git push.

```
git branch -M main
```

```
git push -u origin main
```

