Q1)

```
C:\Users\osama>cd Desktop

C:\Users\osama\Desktop>mkdir git-test

C:\Users\osama\Desktop>cd git-test

C:\Users\osama\Desktop\git-test>mkdir test01

C:\Users\osama\Desktop\git-test>cd test01

C:\Users\osama\Desktop\git-test\test01>git init
Initialized empty Git repository in C:/Users/osama/Desktop/git-test/test01/
git/

C:\Users\osama\Desktop\git-test\test01>cd > first.txt

C:\Users\osama\Desktop\git-test\test01>git add first.txt

C:\Users\osama\Desktop\git-test\test01>git commit -m "add first"
[master (root-commit) 901163f] add first
 1 file changed, 1 insertion(+)
 create mode 100644 first.txt

C:\Users\osama\Desktop\git-test\test01>cd > second.txt

C:\Users\osama\Desktop\git-test\test01>git add second.txt

C:\Users\osama\Desktop\git-test\test01>git commit -m "add second"
[master c87da60] add second
 1 file changed, 1 insertion(+)
 create mode 100644 second.txt

C:\Users\osama\Desktop\git-test\test01>cd > third.txt

C:\Users\osama\Desktop\git-test\test01>cd > forth.txt

C:\Users\osama\Desktop\git-test\test01>git add .

C:\Users\osama\Desktop\git-test\test01>git commit -m "add third and forth"
[master 1b8460d] add third and forth
 2 files changed, 2 insertions(+)
 create mode 100644 forth.txt
 create mode 100644 third.txt
```

```
C:\Users\osama\Desktop\git-test\test01>git log
commit 1b8460dfbc20ef3907dc32f61bee98e4e54c27be (HEAD -> master)
Author: osamaAlharbi1 <sdfd567uu@gmail.com>
Date:   Wed Jul 24 08:10:21 2024 +0300

    add third and forth

commit c87da604d739033602eed18413195f0d46beb3d8
Author: osamaAlharbi1 <sdfd567uu@gmail.com>
Date:   Wed Jul 24 08:09:19 2024 +0300

    add second

commit 901163f75e6b38e4ad9ef7ede991c83f72586a21
Author: osamaAlharbi1 <sdfd567uu@gmail.com>
Date:   Wed Jul 24 08:08:30 2024 +0300

    add first

C:\Users\osama\Desktop\git-test\test01>
```

Q2)

```
C:\Users\osama\Desktop\git-test\test01>git branch
* master

C:\Users\osama\Desktop\git-test\test01>git checkout -b new-feature
Switched to a new branch 'new-feature'

C:\Users\osama\Desktop\git-test\test01>cd > lab02.txt

C:\Users\osama\Desktop\git-test\test01>git add lab02.txt

C:\Users\osama\Desktop\git-test\test01>git commit -m add "lab02"
error: pathspec 'lab02' did not match any file(s) known to git

C:\Users\osama\Desktop\git-test\test01>git commit -m "lab02"
[new-feature 7d64eda] lab02
 1 file changed, 1 insertion(+)
 create mode 100644 lab02.txt

C:\Users\osama\Desktop\git-test\test01>git checkout main
error: pathspec 'main' did not match any file(s) known to git

C:\Users\osama\Desktop\git-test\test01>git checkout master
Switched to branch 'master'

C:\Users\osama\Desktop\git-test\test01>git merge new-feature
Updating 1b8460d..7d64eda
Fast-forward
 lab02.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 lab02.txt

C:\Users\osama\Desktop\git-test\test01>status
'status' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\osama\Desktop\git-test\test01>git status
On branch master
nothing to commit, working tree clean
```

```
C:\Users\osama\Desktop\git-test\test01>dir
 Volume in drive C is Windows
 Volume Serial Number is 7E5D-61C5

 Directory of C:\Users\osama\Desktop\git-test\test01

07/24/2024  08:18 AM    <DIR>          .
07/24/2024  08:06 AM    <DIR>          ..
07/24/2024  08:07 AM                40 first.txt
07/24/2024  08:09 AM                40 forth.txt
07/24/2024  08:18 AM                40 lab02.txt
07/24/2024  08:08 AM                40 second.txt
07/24/2024  08:09 AM                40 third.txt
               5 File(s)            200 bytes
               2 Dir(s)  89,862,266,880 bytes free
```

Q3)

```
C:\Users\osama\Desktop\git-test\test01>git remote -v

C:\Users\osama\Desktop\git-test\test01>git remote add origin https://github.
com/osamaAlharbi1/git_lab.git

C:\Users\osama\Desktop\git-test\test01>git remote -v
origin  https://github.com/osamaAlharbi1/git_lab.git (fetch)
origin  https://github.com/osamaAlharbi1/git_lab.git (push)

C:\Users\osama\Desktop\git-test\test01>git push
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin master

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.


C:\Users\osama\Desktop\git-test\test01> git push --set-upstream origin maste
r
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 20 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (9/9), 821 bytes | 821.00 KiB/s, done.
Total 9 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/osamaAlharbi1/git_lab/pull/new/master
remote:
To https://github.com/osamaAlharbi1/git_lab.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

C:\Users\osama\Desktop\git-test\test01>
```

This branch is 4 commits ahead of, 1 commit behind `main`.

⇅ Contribute ▾

osamaAlharbi1 lab02                                    7d64eda · 12 minutes ago  🕐

| 📄 first.txt | add first | 19 minutes ago |
|---|---|---|
| 📄 forth.txt | add third and forth | 17 minutes ago |
| 📄 lab02.txt | lab02 | 12 minutes ago |
| 📄 second.txt | add second | 18 minutes ago |
| 📄 third.txt | add third and forth | 17 minutes ago |

📖 README