Name : Ahmed Bilal

Registration Number : 24PWBCS1292

Section : B

Lab : 01

Submitted to : Sir Muhammad

Task 01:

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ code.
bash: code.: command not found

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ code .

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git add index.html

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ $ code.
bash: code.: command not found

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ code .

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git add index.html
```

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git add index.html

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git commit -m "Added index.html with a welcome message"
[master 5d94295] Added index.html with a welcome message
 1 file changed, 8 insertions(+)
 create mode 100644 Lab01/index.html

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 449 bytes | 449.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   34cdd39..5d94295  master -> master
branch 'master' set up to track 'origin/master'.
```

Lab Task 02 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git add index.html

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git commit -m "Updated index.html with HTML comment"
[master cb23bd1] Updated index.html with HTML comment
 1 file changed, 1 insertion(+)

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 490 bytes | 490.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   5d94295..cb23bd1  master -> master
```

Task 03 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ touch .gitignore

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (master)
$ git add .gitignore

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (master)
$ git commit -m "Added .gitignore file"
[master 4391833] Added .gitignore file
 1 file changed, 2 insertions(+)
 create mode 100644 Lab01/.gitignore

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (master)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 383 bytes | 383.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   cb23bd1..4391833  master -> master
```

Task 04 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git commit -m "Added LICENSE file"
[master 79fc0ee] Added LICENSE file
 1 file changed, 1 insertion(+)
 create mode 100644 Lab01/license

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 453 bytes | 453.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   4391833..79fc0ee  master -> master
```

Task 05 :-

```
Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ touch test.txt

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ echo "This is a test file" > test.txt

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git add test.txt
warning: in the working copy of 'Lab01/test.txt', LF will be replaced by CRLF th
e next time Git touches it

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git commit -m "Added test.txt"
[master 840d105] Added test.txt
 1 file changed, 1 insertion(+)
 create mode 100644 Lab01/test.txt

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 377 bytes | 377.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   79fc0ee..840d105  master -> master
```

```
Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/L
ab01 (master)
$ rm test.txt

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git add .

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git commit -m "Deleted test.txt"
[master 4158e41] Deleted test.txt
 1 file changed, 1 deletion(-)
 delete mode 100644 Lab01/test.txt

Ahmed Bilal@DESKTOP-2TNS0BE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 310 bytes | 310.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   840d105..4158e41  master -> master
```

Task 06 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (maste
r)
$ git checkout -b experiment
Switched to a new branch 'experiment'

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (exper
iment)
$ git add index.html

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (exper
iment)
$ git commit -m "Added experimental heading"
[experiment 50d4090] Added experimental heading
 1 file changed, 1 insertion(+)

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (exper
iment)
$ git push -u origin experiment
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 489 bytes | 489.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'experiment' on GitHub by visiting:
remote:      https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26/pull/new/experim
ent
remote:
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
 * [new branch]      experiment -> experiment
branch 'experiment' set up to track 'origin/experiment'.
```

Task 07 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (maste
r)
$ git pull
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 910 bytes | 455.00 KiB/s, done.
From https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26
   4158e41..ce59e58  master     -> origin/master
Updating 50d4090..ce59e58
Fast-forward

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (maste
r)
$ git push
Everything up-to-date
```

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (exper
iment)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (maste
r)
$ git merge experiment
Updating 4158e41..50d4090
Fast-forward
 Lab01/index.html | 1 +
 1 file changed, 1 insertion(+)
```

Task 08 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ touch report.md

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git add report.md

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git commit -m "Added lab reflection report"
[master 06c54d6] Added lab reflection report
 1 file changed, 3 insertions(+)
 create mode 100644 Lab01/report.md

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 575 bytes | 575.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   ce59e58..06c54d6  master -> master
```
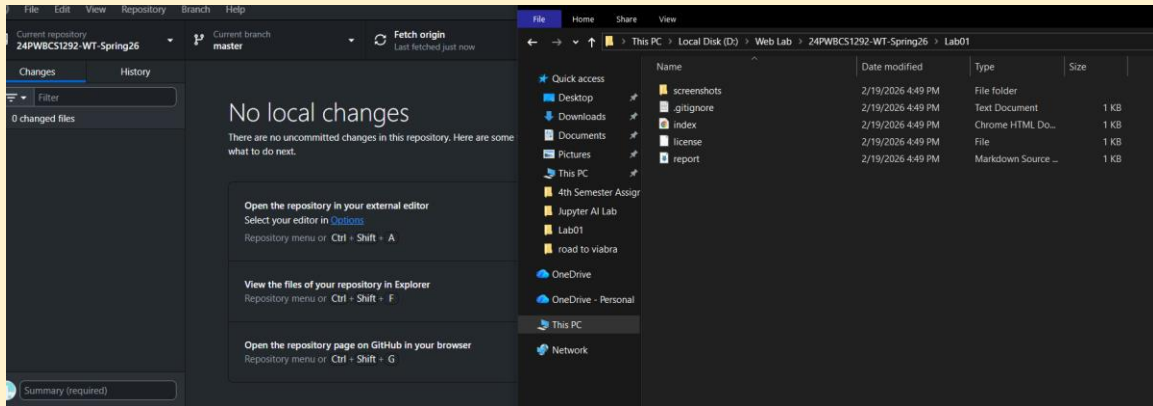
Task 09 :-

```
Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ mkdir screenshots

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git add screenshots

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git commit -m "Added setup screenshot"
[master 7a4b047] Added setup screenshot
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Lab01/screenshots/Ahmed Bilal-24PWBCS1292-WT-SPRING26-Lab01.docx
 create mode 100644 Lab01/screenshots/~$med Bilal-24PWBCS1292-WT-SPRING26-Lab01.docx

Ahmed Bilal@DESKTOP-2TNSOBE MINGW64 /d/WebTechnologies/24PWBCS1292-WT-Spring26/Lab01 (mast
r)
$ git push
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 504.53 KiB | 22.93 MiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ahmedbilal-student/24PWBCS1292-WT-Spring26.git
   06c54d6..7a4b047  master -> master
```

Task 10 :-

THANK YOU