

TASK 1

```
MINGW64:/c/Users/namra
rm: cannot remove '/etc/post-install/01-devices.post': Permission denied
rm: cannot remove '/etc/post-install/03-mtab.post': Permission denied
rm: cannot remove '/etc/post-install/06-windows-files.post': Permission denied
rm: cannot remove '/etc/post-install/99-post-install-cleanup.post': Permission denied

namra@DESKTOP-SUB22N7 MINGW64 ~
$ git config --global user.name "Namra Haleema"

namra@DESKTOP-SUB22N7 MINGW64 ~
$ git config --global user.email "namrahaleema07@gmail.com"

namra@DESKTOP-SUB22N7 MINGW64 ~
$ git config --global color.ui auto

namra@DESKTOP-SUB22N7 MINGW64 ~
$
```

Starting with an Unversioned, Local:

```
MINGW64:/d/DL_BWF
namra@DESKTOP-SUB22N7 MINGW64 ~ (master)
$ cd D:\DL_BWF

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF
$ ls -la
total 4
drwxr-xr-x 1 namra 197611 0 Mar 16 10:09 ./
drwxr-xr-x 1 namra 197611 0 Mar 16 10:09 ../
-rw-r--r-- 1 namra 197611 0 Mar 16 09:40 Task1.txt

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF
$ git init
Initialized empty Git repository in D:/DL_BWF/.git/

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ ls -la
total 8
drwxr-xr-x 1 namra 197611 0 Mar 16 10:16 ./
drwxr-xr-x 1 namra 197611 0 Mar 16 10:09 ../
drwxr-xr-x 1 namra 197611 0 Mar 16 10:16 .git/
-rw-r--r-- 1 namra 197611 0 Mar 16 09:40 Task1.txt

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$
```

.gitignore:

```
MINGW64:/d/DL_BWF
$ ls -la
total 8
drwxr-xr-x 1 namra 197611 0 Mar 16 10:16 ./
drwxr-xr-x 1 namra 197611 0 Mar 16 10:09 ../
drwxr-xr-x 1 namra 197611 0 Mar 16 10:16 .git/
-rw-r--r-- 1 namra 197611 0 Mar 16 09:40 Task1.txt

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ echo "*.txt" >> .gitignore

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ echo "This txt file is ignored due to git ignore" >> Task1.txt

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ cat .gitignore
*.txt

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git add -A
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
```

Commit:

```
namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git add -A
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
```

```
namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git commit -m "Initial commit"
[master (root-commit) d4ec212] Initial commit
1 file changed, 1 insertion(+)
create mode 100644 .gitignore

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
```

Getting an Overview of Your Changes:

```
namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git status
On branch master
nothing to commit, working tree clean

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git add/cm test.txt
```

```

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git add Task1.txt index.html -f
warning: in the working copy of 'Task1.txt', LF will be replaced by CRLF the next time Git touches it

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git rm error.html
fatal: pathspec 'error.html' did not match any files

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Task1.txt
        new file:   index.html

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$

```

Committing Your Work

```

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git commit -m "Implement the new login box"
[master 83d698f] Implement the new login box
 2 files changed, 1 insertion(+)
 create mode 100644 Task1.txt
 create mode 100644 index.html

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$

```

```

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$ git log
commit 83d698f35a757e04a284520da9fd449d425c14e3 (HEAD -> master)
Author: Namra Haleema <namrahaleema07@gmail.com>
Date: Thu Mar 16 10:42:45 2023 +0500

    Implement the new login box

commit d4ec2126827c3737315ddce31b47080ab1b0e487
Author: Namra Haleema <namrahaleema07@gmail.com>
Date: Thu Mar 16 10:26:19 2023 +0500

    Initial commit

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (master)
$

```

Branching & Merging:

```
MINGW64:/d/DL_BWF
namra@DESKTOP-SUB22N7 MINGW64 ~ (master)
$ cd D:/DL_BWF

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (contact-form)
$ git branch contact-form
fatal: a branch named 'contact-form' already exists

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (contact-form)
$ git branch -v
* contact-form 83d698f Implement the new login box
  master       83d698f Implement the new login box

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (contact-form)
$ git status
On branch contact-form
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    bash.exe.stackdump

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

namra@DESKTOP-SUB22N7 MINGW64 /d/DL_BWF (contact-form)
$ !
```