

GIT ASSIGNMENT

1.

```
umar-maidoki@Maidoki: ~/Desktop
umar-maidoki@Maidoki:~$ cd Desktop
umar-maidoki@Maidoki:~/Desktop$ git config --global user.name Gentlemanintech
umar-maidoki@Maidoki:~/Desktop$ git config --global user.email "umaidoki42@gmail.com"
umar-maidoki@Maidoki:~/Desktop$ git config --global --list
user.email=umaidoki42@gmail.com
user.name=Gentlemanintech
umar-maidoki@Maidoki:~/Desktop$
```

2.

```
umar-maidoki@Maidoki:~$ cd Desktop
umar-maidoki@Maidoki:~/Desktop$ mkdir git_project
umar-maidoki@Maidoki:~/Desktop$ cd git_project
umar-maidoki@Maidoki:~/Desktop/git_project$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/umar-maidoki/Desktop/git_project/.git/
umar-maidoki@Maidoki:~/Desktop/git_project$ echo "Hello World" > hello.txt
umar-maidoki@Maidoki:~/Desktop/git_project$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hello.txt

nothing added to commit but untracked files present (use "git add" to track)
umar-maidoki@Maidoki:~/Desktop/git_project$ git add .
umar-maidoki@Maidoki:~/Desktop/git_project$ git commit -m "Initial commit"
[master (root-commit) 5550370] Initial commit
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt
umar-maidoki@Maidoki:~/Desktop/git_project$
```

3.

```
umar-maidoki@Maidoki:~/Desktop/git_project$ git clone https://github.com/Gentlemanintech/gitProject.git
Cloning into 'gitProject'...
warning: You appear to have cloned an empty repository.
umar-maidoki@Maidoki:~/Desktop/git_project$
```

4.

```
umar-maidoki@Maidoki:~/Desktop/git_project$ git remote add origin https://github.com/Gentlemanintech/gitProject.git
umar-maidoki@Maidoki:~/Desktop/git_project$ git remote -v
origin https://github.com/Gentlemanintech/gitProject.git (fetch)
origin https://github.com/Gentlemanintech/gitProject.git (push)
umar-maidoki@Maidoki:~/Desktop/git_project$ git push -u origin master
Username for 'https://github.com': Gentlemanintech
Password for 'https://Gentlemanintech@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/Gentlemanintech/gitProject.git/'
umar-maidoki@Maidoki:~/Desktop/git_project$
```

5.

```
umar-maidoki@Maidoki:~/Desktop/git_project$ git mv hello.txt greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project$ ls
gitProject  greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project$
```

```
umar-maidoki@Maidoki:~/Desktop/git_project$ git mv hello.txt greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project$ ls
gitProject  greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project$ mkdir newfolder
umar-maidoki@Maidoki:~/Desktop/git_project$ git mv greet.txt newfolder/
umar-maidoki@Maidoki:~/Desktop/git_project$ cd newfolder
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ ls
greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$
```

6.

```
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ echo "Just a temporary file to be deleted" > temp.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ ls
greet.txt  temp.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    ../hello.txt -> greet.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ../gitProject/
        temp.txt

umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ rm temp.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ ls
greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$
```

7.

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ../gitProject/

umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ echo "Hey World again" > greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    ../hello.txt -> greet.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   greet.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ../gitProject/

umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git add .
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git commit -m "Added a new line in greet.txt and newfolder is created"
[master 95d31e5] Added a new line in greet.txt and newfolder is created
 2 files changed, 1 insertion(+), 1 deletion(-)
 delete mode 100644 hello.txt
 create mode 100644 newfolder/greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git rm greet.txt
rm 'newfolder/greet.txt'
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ ls
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    greet.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ../gitProject/

umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ git commit -m "Deleted the greet.txt"
[master 25619fd] Deleted the greet.txt
 1 file changed, 1 deletion(-)
 delete mode 100644 newfolder/greet.txt
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$
```

c. recursive deletion

```
umar-maidoki@Maidoki:~/Desktop/git_project/newfolder$ cd ..
umar-maidoki@Maidoki:~/Desktop/git_project$ ls
gitProject  newfolder
umar-maidoki@Maidoki:~/Desktop/git_project$ rm -r newfolder
umar-maidoki@Maidoki:~/Desktop/git_project$ git add -u
umar-maidoki@Maidoki:~/Desktop/git_project$ git commit -m "Deleted the folder recursively"
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    gitProject/

nothing added to commit but untracked files present (use "git add" to track)
umar-maidoki@Maidoki:~/Desktop/git_project$
```

8. I will add any folder or files I don't want inside the .gitignore file I created

```
umar-maidoki@Maidoki:~/Desktop/git_project$ touch .gitignore
umar-maidoki@Maidoki:~/Desktop/git_project$ ls
gitProject
umar-maidoki@Maidoki:~/Desktop/git_project$ ls -a
.  ..  .git  .gitignore  gitProject
umar-maidoki@Maidoki:~/Desktop/git_project$
```