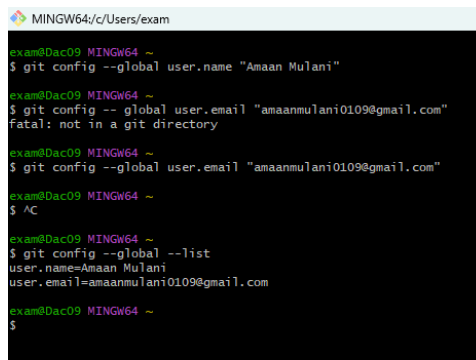


## Github Assignment.

```
exam@Dac09 MINGW64 ~  
$ git config --global --list  
user.name=Amaan Mulani  
user.email=amaanmulani0109@gmail.com
```



```
MINGW64/c/Users/exam  
exam@Dac09 MINGW64 ~  
$ git config --global user.name "Amaan Mulani"  
  
exam@Dac09 MINGW64 ~  
$ git config --global user.email "amaanmulani0109@gmail.com"  
fatal: not in a git directory  
  
exam@Dac09 MINGW64 ~  
$ git config --global user.email "amaanmulani0109@gmail.com"  
  
exam@Dac09 MINGW64 ~  
$ ^C  
$ ^C  
  
exam@Dac09 MINGW64 ~  
$ git config --global --list  
user.name=Amaan Mulani  
user.email=amaanmulani0109@gmail.com  
  
exam@Dac09 MINGW64 ~  
$
```

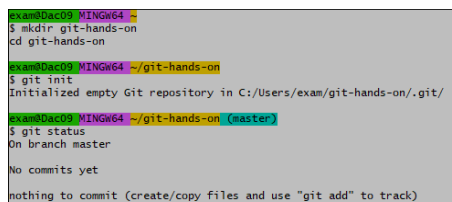
```
exam@Dac09 MINGW64 ~  
$ mkdir git-hands-on  
cd git-hands-on
```

```
exam@Dac09 MINGW64 ~/git-hands-on  
$ git init  
Initialized empty Git repository in C:/Users/exam/git-hands-on/.git/
```

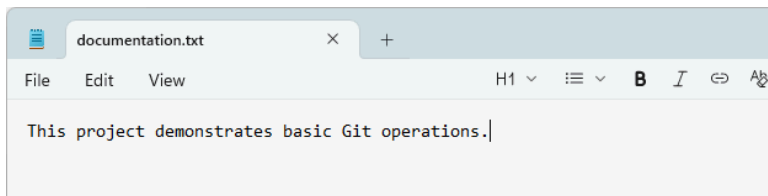
```
exam@Dac09 MINGW64 ~/git-hands-on (master)  
$ git status  
On branch master
```

No commits yet

nothing to commit (create/copy files and use "git add" to track)



```
exam@Dac09 MINGW64 ~  
$ mkdir git-hands-on  
cd git-hands-on  
  
exam@Dac09 MINGW64 ~/git-hands-on  
$ git init  
Initialized empty Git repository in C:/Users/exam/git-hands-on/.git/  
  
exam@Dac09 MINGW64 ~/git-hands-on (master)  
$ git status  
On branch master  
  
No commits yet  
  
nothing to commit (create/copy files and use "git add" to track)
```



exam@Dac09 MINGW64 ~/git-hands-on (master)

\$ git add documentation.txt

exam@Dac09 MINGW64 ~/git-hands-on (master)

\$ git commit -m "Add initial project documentation"

[master (root-commit) 029141f] Add initial project documentation

1 file changed, 1 insertion(+)

create mode 100644 documentation.txt

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git add documentation.txt

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git commit -m "Add initial project documentation"
[master (root-commit) 029141f] Add initial project documentation
1 file changed, 1 insertion(+)
create mode 100644 documentation.txt
```

\$ git diff

\$ git add documentation.txt

git commit -m "Update documentation with project purpose"

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git diff
diff --git a/documentation.txt b/documentation.txt
index c173b9c..adc8ec6 100644
--- a/documentation.txt
+++ b/documentation.txt
@@ -1,1 @@
-This project demonstrates basic Git operations.
\ No newline at end of file
+This repository is created for hands-on Git practice.
\ No newline at end of file

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git add documentation.txt
git commit -m "Update documentation with project purpose"
[master c94d6f1] Update documentation with project purpose
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
$ git log --oneline
```

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git log --oneline
c94d6f1 (HEAD -> master) Update documentation with project purpose
029141f Add initial project documentation
```

```
$ git branch feature-1
```

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
```

```
$ git checkout feature-1
```

```
Switched to branch 'feature-1'
```



```
exam@Dac09 MINGW64 ~/git-hands-on (feature-1)
```

```
$ git add feature.txt
```

```
git commit -m "Add feature.txt in feature-1 branch"
```

```
[feature-1 bb598c5] Add feature.txt in feature-1 branch
```

```
1 file changed, 1 insertion(+)
```

```
create mode 100644 feature.txt
```

```
exam@Dac09 MINGW64 ~/git-hands-on (feature-1)
```

```
$ git checkout master
```

```
Switched to branch 'master'
```

```

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git branch feature-1

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git checkout feature-1
Switched to branch 'feature-1'

exam@Dac09 MINGW64 ~/git-hands-on (feature-1)
$ git add feature.txt
git commit -m "Add feature.txt in feature-1 branch"
[feature-1 bb598c5] Add feature.txt in feature-1 branch
1 file changed, 1 insertion(+)
create mode 100644 feature.txt

exam@Dac09 MINGW64 ~/git-hands-on (feature-1)
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git

exam@Dac09 MINGW64 ~/git-hands-on (feature-1)
$ git checkout master
Switched to branch 'master'

```

Task 7:

git merge feature-1

git log --oneline

```

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git merge feature-1
Updating c94d6f1..bb598c5
Fast-forward
 feature.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 feature.txt

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git log --oneline
bb598c5 (HEAD -> master, feature-1) Add feature.txt in feature-1 branch
c94d6f1 Update documentation with project purpose
029141f Add initial project documentation

```

Task 8:

\$ git remote add origin <https://github.com/amaan-mulani/git-hands-on.git>

\$ git remote -v

origin <https://github.com/amaan-mulani/git-hands-on.git> (fetch)

origin <https://github.com/amaan-mulani/git-hands-on.git> (push)

```

exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git remote -v
origin https://github.com/amaan-mulani/git-hands-on.git (fetch)
origin https://github.com/amaan-mulani/git-hands-on.git (push)

```

Task 9:

```
$ git push -u origin master
```

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
$ git push -u origin master
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (9/9), 880 bytes | 880.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/amaan-mulani/git-hands-on.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

Task 10:

```
exam@Dac09 MINGW64 ~
```

```
$ git clone https://github.com/amaan-mulani/git-hands-on.git git-hands-on-clone
```

```
exam@Dac09 MINGW64 ~/git-hands-on (master)
$ cd ..

exam@Dac09 MINGW64 ~
$ git clone https://github.com/amaan-mulani/git-hands-on.git git-hands-on-clone
Cloning into 'git-hands-on-clone'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 9 (delta 0), reused 9 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), done.
```

Task 11:

```
$ git restore documentation.txt
```

```
$ git status
```

```
exam@Dac09 MINGW64 ~
$ cd git-hands-on-clone
ls
documentation.txt  feature.txt

exam@Dac09 MINGW64 ~/git-hands-on-clone (master)
$ git restore documentation.txt

exam@Dac09 MINGW64 ~/git-hands-on-clone (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
```

Task 12:

\$ git rm feature.txt

\$ git commit -m "Remove feature.txt file"

```
exam@Dac09 MINGW64 ~/git-hands-on-clone (master)
$ git rm feature.txt
rm 'feature.txt'

exam@Dac09 MINGW64 ~/git-hands-on-clone (master)
$ git commit -m "Remove feature.txt file"
[master 040dec8] Remove feature.txt file
1 file changed, 1 deletion(-)
delete mode 100644 feature.txt
```