Assignment 1 (Git/Git hub)

git config

git init

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git init
Reinitialized existing Git repository in C:/Github demo project/.git/

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git status

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git status
On branch master
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:   demofile2.txt

no changes added to commit (use "git add" and/or "git commit -a")

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git add

MINGW64:/c/Github demo project

```
Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git add demofile2.txt

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   demofile2.txt


Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git reset

MINGW64:/c/Github demo project

```
Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git add demofile2.txt

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   demofile2.txt


Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git reset
Unstaged changes after reset:
M       demofile2.txt

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git commit


```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git commit -m "committing demofile2 modified"
[master c652bc3] committing demofile2 modified
 1 file changed, 1 insertion(+), 1 deletion(-)

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git clone


```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git clone https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments-.git
Cloning into 'Hotwax---System---Git-GitHub-Assignments-'...
remote: Enumerating objects: 24, done.
remote: Counting objects: 100% (24/24), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 24 (delta 4), reused 21 (delta 4), pack-reused 0
Receiving objects: 100% (24/24), done.
Resolving deltas: 100% (4/4), done.

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git log


```
 MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git log
commit c652bc3c8c380c6a2df5fea49154ec4d99881400 (HEAD -> master)
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 16:06:13 2020 +0530

    committing demofile2 modified

commit f436f79176026e05b48a16949d7d6a1eb4bfa225 (origin/master, origin/firstbranch, firstbranch)
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:54:49 2020 +0530

    addding for rebasing

commit 2640acfb514a47d29213513b76ad0a11d671f807
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:51:28 2020 +0530

    modifying in demofile4

commit cd4f35b4c5b5c8fca77900a844fdf4072f34f0e2
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:48:04 2020 +0530

    making change in first branch

commit 6b35387076a80a65e3e449b0a4b3354b9323a562
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:43:56 2020 +0530

    adding three files

commit 0bbeb97b294cee56133c89e4c0a34b81c19dbe8d
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:38:21 2020 +0530

    second commit

commit 9d2ec16ddb11a56c4fe12a4a686b5b8097cbe056
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:13:55 2020 +0530

    commiting the first demofile

commit 7e1af2099615c3c40f80bc54c018a997955c4793 (origin/main)
Author: narularajat <64327384+narularajat@users.noreply.github.com>
Date:   Sun Nov 29 12:39:54 2020 +0530

    Initial commit

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git remote

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git remote add origin https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments-.git
fatal: remote origin already exists.

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git branch , git checkout

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git branch secondbranch

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git checkout secondbranch
Switched to branch 'secondbranch'

Asus@ASUS-502UF MINGW64 /c/Github demo project (secondbranch)
$
```

git pull

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git pull origin master
From https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments-
 * branch            master      -> FETCH_HEAD
Already up to date.

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git push

```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git push origin master
Enumerating objects: 9, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 577 bytes | 577.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments-.git
   6a4fbc4..1a342bd  master -> master

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$
```

git merge

git stash


```
MINGW64:/c/Github demo project

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git stash list -a

Asus@ASUS-502UF MINGW64 /c/Github demo project (master)
$ git log
commit 4e52f17b569e5693cd37d209b4e4749206b48941 (HEAD -> master, secondbranch)
Merge: 17980d4 1a342bd
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 16:33:10 2020 +0530

    commiting demofile7 to second banch

commit 1a342bd44f8cefb3d548350d440b54717092b66d (origin/master)
Merge: c652bc3 6a4fbc4
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 16:29:28 2020 +0530

    Merge branch 'master' of https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments-

commit 17980d4fd60a657e0becddc88c2492963a3de905
Merge: c652bc3 6a4fbc4
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 16:28:22 2020 +0530

    Merge branch 'master' of https://github.com/narularajat/Hotwax---System---Git-GitHub-Assignments- into secondbranch

commit 6a4fbc489078b102e6c8d079d47f12653122e47e
Author: narularajat <64327384+narularajat@users.noreply.github.com>
Date:   Sun Nov 29 16:09:09 2020 +0530

    Create csaafaf

commit c652bc3c8c380c6a2df5fea49154ec4d99881400
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 16:06:13 2020 +0530

    committing demofile2 modified

commit f436f79176026e05b48a16949d7d6a1eb4bfa225 (origin/firstbranch, firstbranch)
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:54:49 2020 +0530

    addding for rebasing

commit 2640acfb514a47d29213513b76ad0a11d671f807
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:51:28 2020 +0530

    modifying in demofile4

commit cd4f35b4c5b5c8fca77900a844fdf4072f34f0e2
Author: Rajat Narula <rajatnarula87@gmail.com>
Date:   Sun Nov 29 15:48:04 2020 +0530

    making change in first branch
```