

DevOps Weekday BC = 2307111411

Module 2: Git Assignment – 1

1. Based on what you have learnt in the class, do the following steps:

a. Create a new folder

- Navigated to the d-drive where we want to create a folder and initialised a empty repository using “git init” command.
- Then created a folder named M2assignment1 using “mkdir” command



```
MINGW64:/d/M2assignment1

hp@Srinu MINGW64 /d
$ git init
Initialized empty Git repository in D:/M2assignment1/.git/

hp@Srinu MINGW64 /d
$ mkdir M2assignment1

hp@Srinu MINGW64 /d
$ cd M2assignment1

hp@Srinu MINGW64 /d/M2assignment1
$
```

b. Put the following files in the folder • Code.txt • Log.txt • Output.txt

- using “cd” command entered into the M2assignment1 folder and created a files Code.txt, Log.txt and Output.txt using “touch” command.

```
MINGW64:/d/M2assignment1

hp@Srinu MINGW64 /d
$ git init
Initialized empty Git repository in D:/./git/

hp@Srinu MINGW64 /d
$ mkdir M2assignment1

hp@Srinu MINGW64 /d
$ cd M2assignment1

hp@Srinu MINGW64 /d/M2assignment1
$ touch ^C

hp@Srinu MINGW64 /d/M2assignment1
$ touch Code.txt

hp@Srinu MINGW64 /d/M2assignment1
$ touch Log.txt

hp@Srinu MINGW64 /d/M2assignment1
$ touch Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ ls
Code.txt  Log.txt  Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ ..
```

c. Stage the Code.txt and Output.txt files

- Code.txt and Output.txt files are staged using git add command

```
MINGW64:/d/M2assignment1
hp@Srinu MINGW64 /d/M2assignment1
$ touch ^C

hp@Srinu MINGW64 /d/M2assignment1
$ touch Code.txt

hp@Srinu MINGW64 /d/M2assignment1
$ touch Log.txt

hp@Srinu MINGW64 /d/M2assignment1
$ touch Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ ls
Code.txt  Log.txt  Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ git add Code.txt Output.txt
fatal: detected dubious ownership in repository at 'D:/'
'D:/' is owned by:
'S-1-5-18'
but the current user is:
'S-1-5-21-2198078988-2006722642-211256522-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git
fatal: detected dubious ownership in repository at 'D:/'
'D:/' is owned by:
'S-1-5-18'
but the current user is:
'S-1-5-21-2198078988-2006722642-211256522-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git add Code.txt Output.txt

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ |
```

d. Commit them

- Then staged changes are committed to local repository by “git commit” command

```
MINGW64:/d/M2assignment1
$ touch Log.txt

hp@Srinu MINGW64 /d/M2assignment1
$ touch Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ ls
Code.txt  Log.txt  Output.txt

hp@Srinu MINGW64 /d/M2assignment1
$ git add Code.txt Output.txt
fatal: detected dubious ownership in repository at 'D:/'
'D:/' is owned by:
'S-1-5-18'
but the current user is:
'S-1-5-21-2198078988-2006722642-211256522-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git
fatal: detected dubious ownership in repository at 'D:/'
'D:/' is owned by:
'S-1-5-18'
but the current user is:
'S-1-5-21-2198078988-2006722642-211256522-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git add Code.txt Output.txt

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git commit -m "1st Assignment Git module"
[master (root-commit) d8c0fd2] 1st Assignment Git module
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 M2assignment1/code.txt
create mode 100644 M2assignment1/output.txt
```

e. And finally push them to GitHub

- Finally the changes are pushed to a remote repository using “git push” command

```
MINGW64:/d/M2assignment1

git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git
fatal: detected dubious ownership in repository at 'D:/'
'D:/' is owned by:
'S-1-5-18'
but the current user is:
'S-1-5-21-2198078988-2006722642-211256522-1001'
To add an exception for this directory, call:

    git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1
$ git config --global --add safe.directory D:/

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git remote add origin https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git

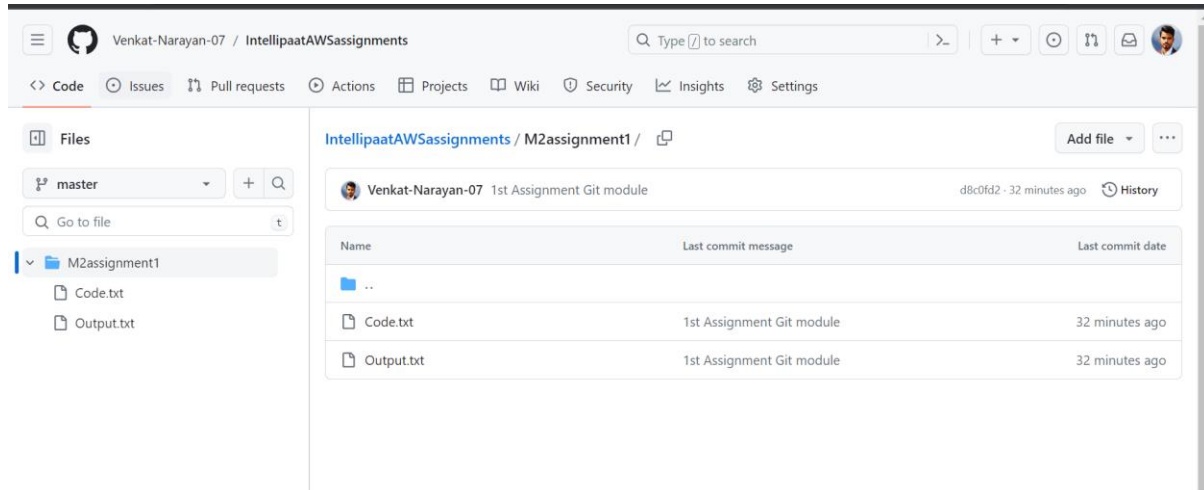
hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git add Code.txt Output.txt

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git commit -m "1st Assignment Git module"
[master (root-commit) d8c0fd2] 1st Assignment Git module
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 M2assignment1/code.txt
create mode 100644 M2assignment1/output.txt

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git push -u origin master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git'

hp@Srinu MINGW64 /d/M2assignment1 (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 286 bytes | 286.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Venkat-Narayan-07/IntellipaataWSassignments.git
 * [new branch] master -> master
branch 'master' set up to track 'origin/master'.
```

We can see the changes in github as well.



2. Please share the commands for the above points

Commands used to achieve above tasks are

- `git init`: To initialise a working directory
- `mkdir`: To create a folder or a directory in the working directory
- `touch`: To create required files
- `git add`: To stage the changes
- `git commit`: To commit the changes into the local repo
- `git push`: To push the changes committed to the local repo into a remote repo(git hub)