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**ID Number: MST03-0070**

**Date: 04-July-24**

**Problem statement (proceed with all above functions)**

1. Create repository fresh repository by git only and upload file by using git only and do below functions on same. And document each function with screenshot.

**Functions :**

a.Run the program and project by git

b.Add any one pdf file from your local to GitHub by git

c. Clone any one program in same repository by git

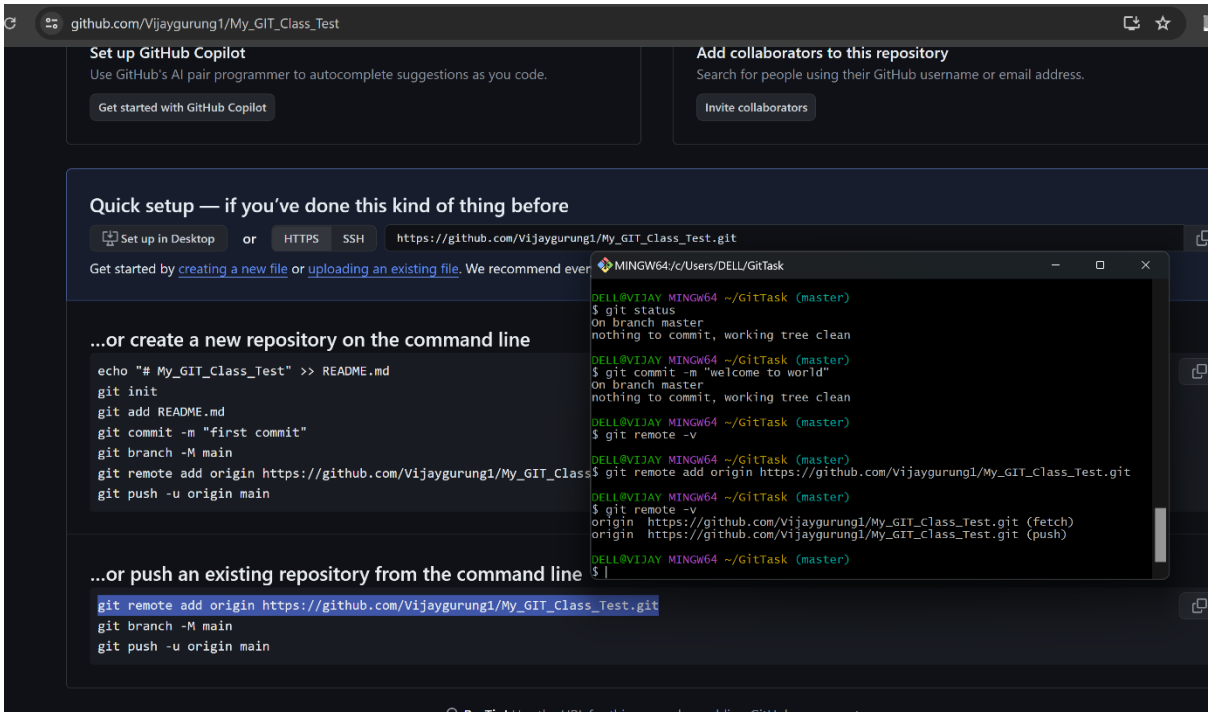
Or

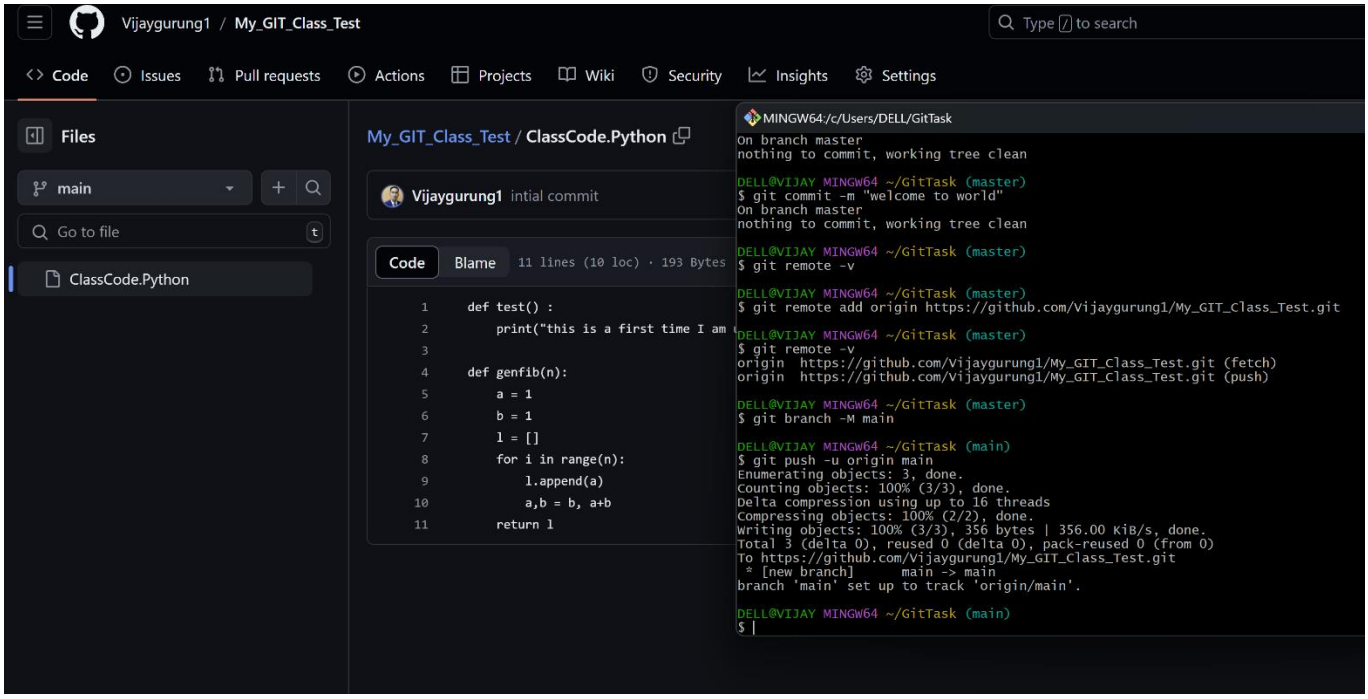
d. you can clone any new repository too

**QNo.1 (a ) Answer :-**

```
MINGW64:/c/Users/DELL/GitTask
git version 2.45.2.windows.1

DELL@VIJAY MINGW64 ~
$ git config --global user.name "Vijay Gurung"

DELL@VIJAY MINGW64 ~
$ git config --global user.email "vijaygurung555@gmail.com"

DELL@VIJAY MINGW64 ~
$ git config --global user.email
vijaygurung555@gmail.com

DELL@VIJAY MINGW64 ~
$ git config --global user.name
Vijay Gurung

DELL@VIJAY MINGW64 ~
$ mkdir git GitTask

DELL@VIJAY MINGW64 ~
$ cd GitTask

DELL@VIJAY MINGW64 ~/GitTask
$ git init
Initialized empty Git repository in C:/Users/DELL/GitTask/.git/

DELL@VIJAY MINGW64 ~/GitTask (master)
$ ls -a
./  ../  .git/

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git status
On branch master

No commits yet

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

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

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git add ClassCode.Python

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   ClassCode.Python
```

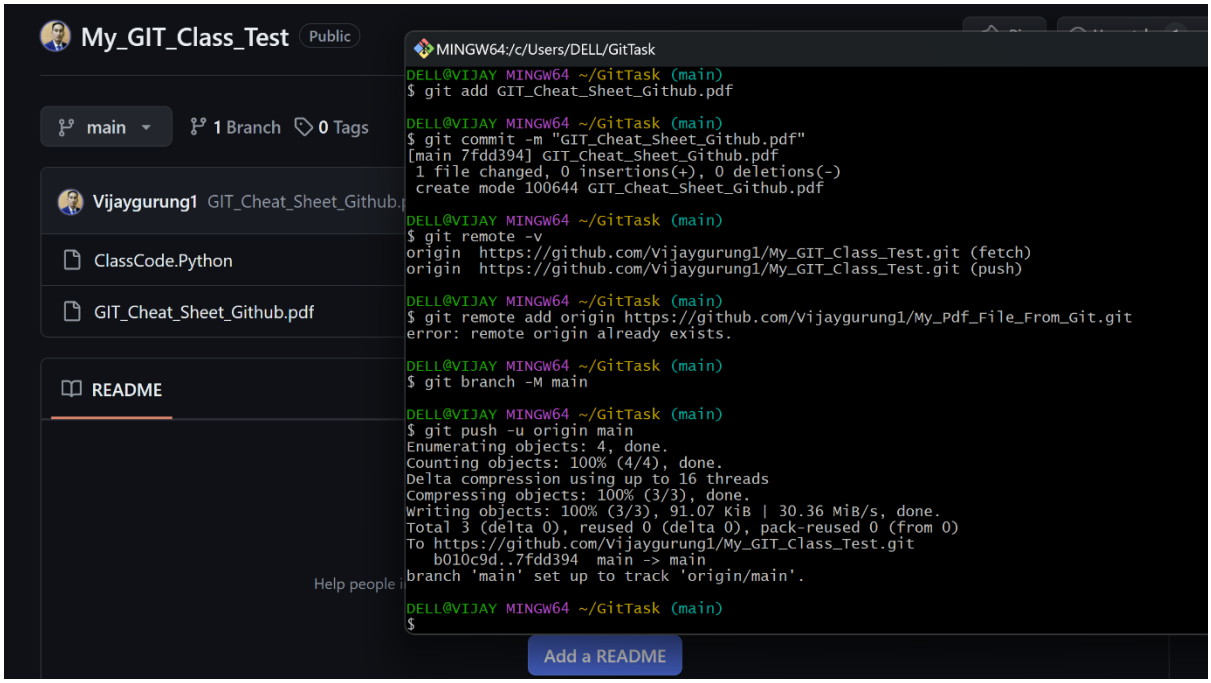
```
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git status
On branch master
nothing to commit, working tree clean

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git commit -m "welcome to world"
On branch master
nothing to commit, working tree clean

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote -v

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote add origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote -v
origin  https://github.com/Vijaygurung1/My_GIT_Class_Test.git (fetch)
origin  https://github.com/Vijaygurung1/My_GIT_Class_Test.git (push)

DELL@VIJAY MINGW64 ~/GitTask (master)
$ git branch -M main

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 356 bytes | 356.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Vijaygurung1/My_GIT_Class_Test.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

DELL@VIJAY MINGW64 ~/GitTask (main)
$
```




Vijaygurung1 / My_GIT_Class_Test
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Files
main
Go to file
t
ClassCode.Python
My_GIT_Class_Test / ClassCode.Python
Vijaygurung1 intial commit
Code
Blame
11 lines (10 loc) · 193 Bytes
1 def test() :
2 print("this is a first time I am
3
4 def genfib(n):
5 a = 1
6 b = 1
7 l = []
8 for i in range(n):
9 l.append(a)
10 a,b = b, a+b
11 return l
MINGW64:/c/Users/DELL/GitTask
On branch master
nothing to commit, working tree clean
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git commit -m "welcome to world"
On branch master
nothing to commit, working tree clean
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote -v
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote add origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git remote -v
origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git (fetch)
origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git (push)
DELL@VIJAY MINGW64 ~/GitTask (master)
$ git branch -M main
DELL@VIJAY MINGW64 ~/GitTask (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 356 bytes | 356.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Vijaygurung1/My_GIT_Class_Test.git
* [new branch] main -> main
branch 'main' set up to track 'origin/main'.
DELL@VIJAY MINGW64 ~/GitTask (main)
$

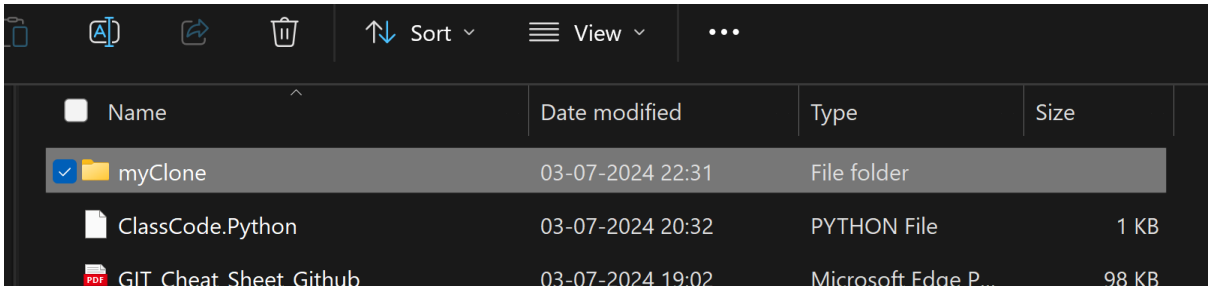
**Q.No-2 (B) Answer :-**

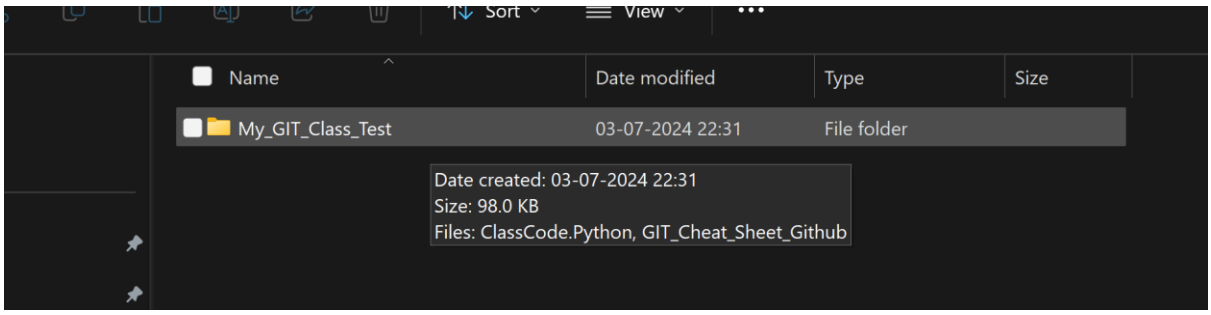
```
nothing added to commit but untracked files present (use "git add" to track)

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add GIT_cheat_Sheet_Github.pdf

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git commit -m "this one also please"
On branch main
Your branch is up to date with 'origin/main'.

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

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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add GIT_Cheat_Sheet_Github.pdf

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git commit -m "GIT_Cheat_Sheet_Github.pdf"
[main 7fdd394] GIT_Cheat_Sheet_Github.pdf
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 GIT_Cheat_Sheet_Github.pdf
```

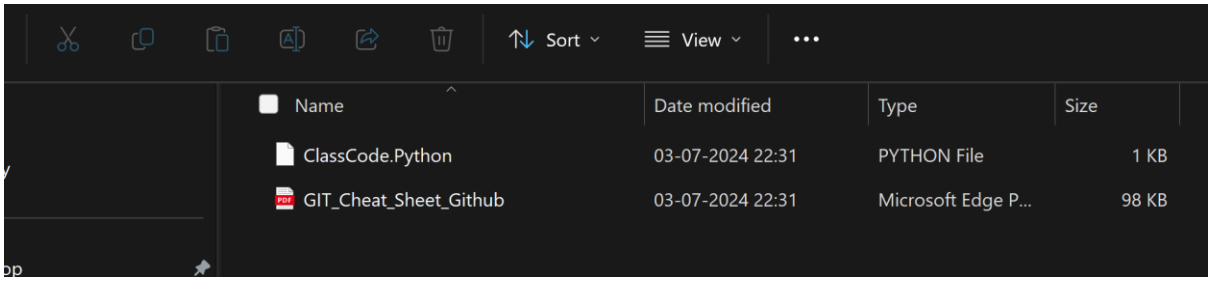


**Q.No.1 ( C ) Answer :-**

```
DELL@VIJAY MINGW64 ~/GitTask (main)
$ mkdir myClone

DELL@VIJAY MINGW64 ~/GitTask (main)
$ cd myClone

DELL@VIJAY MINGW64 ~/GitTask/myClone (main)
$ git clone https://github.com/Vijaygurung1/My_GIT_Class_Test
Cloning into 'My_GIT_Class_Test'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 6 (delta 0), reused 6 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), 91.38 KiB | 742.00 KiB/s, done.

DELL@VIJAY MINGW64 ~/GitTask/myClone (main)
```




Sort
View
Name
Date modified
Type
Size
ClassCode.Python
03-07-2024 22:31
PYTHON File
1 KB
GIT_Cheat_Sheet_Github
03-07-2024 22:31
Microsoft Edge P...
98 KB

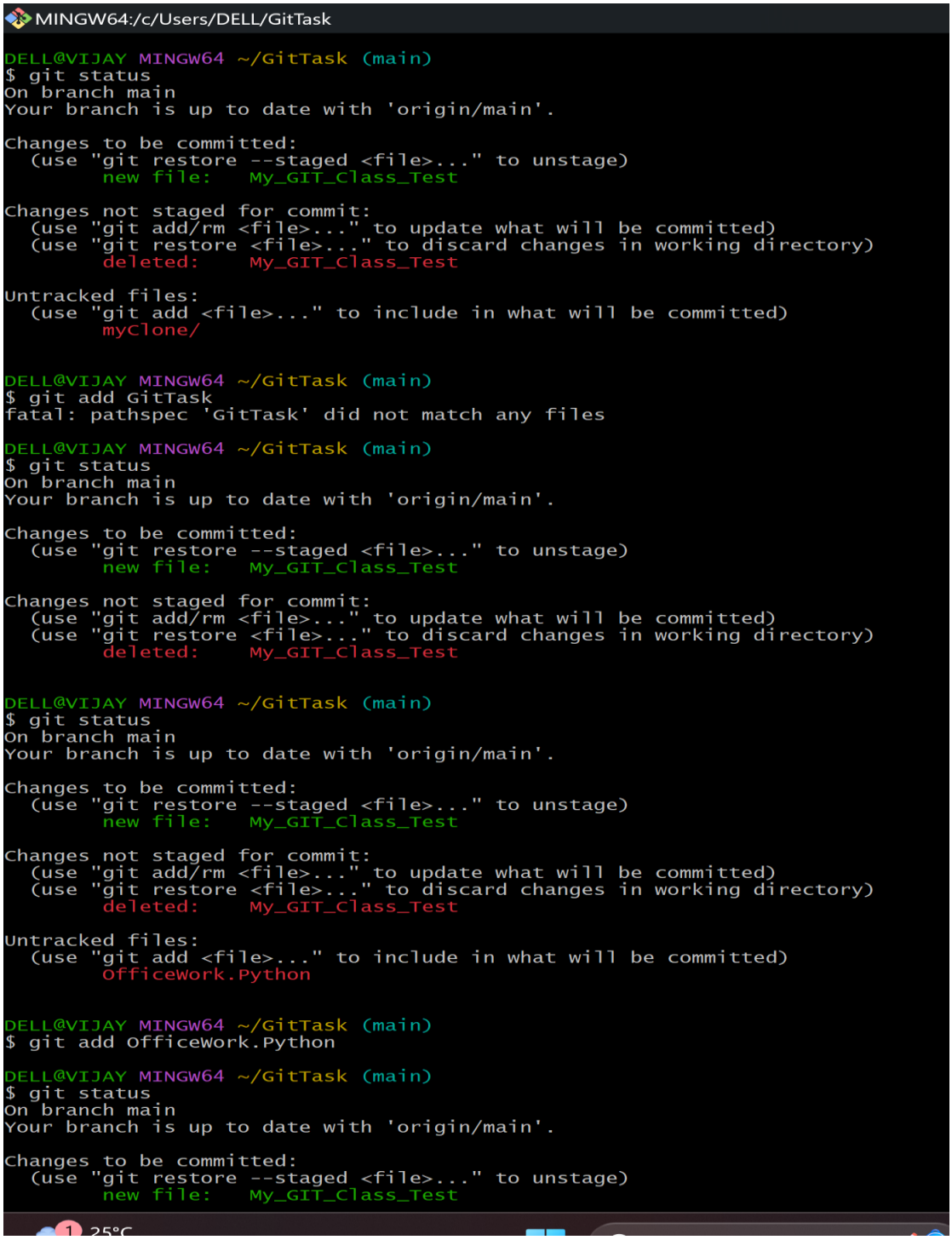
Q.No 2 :

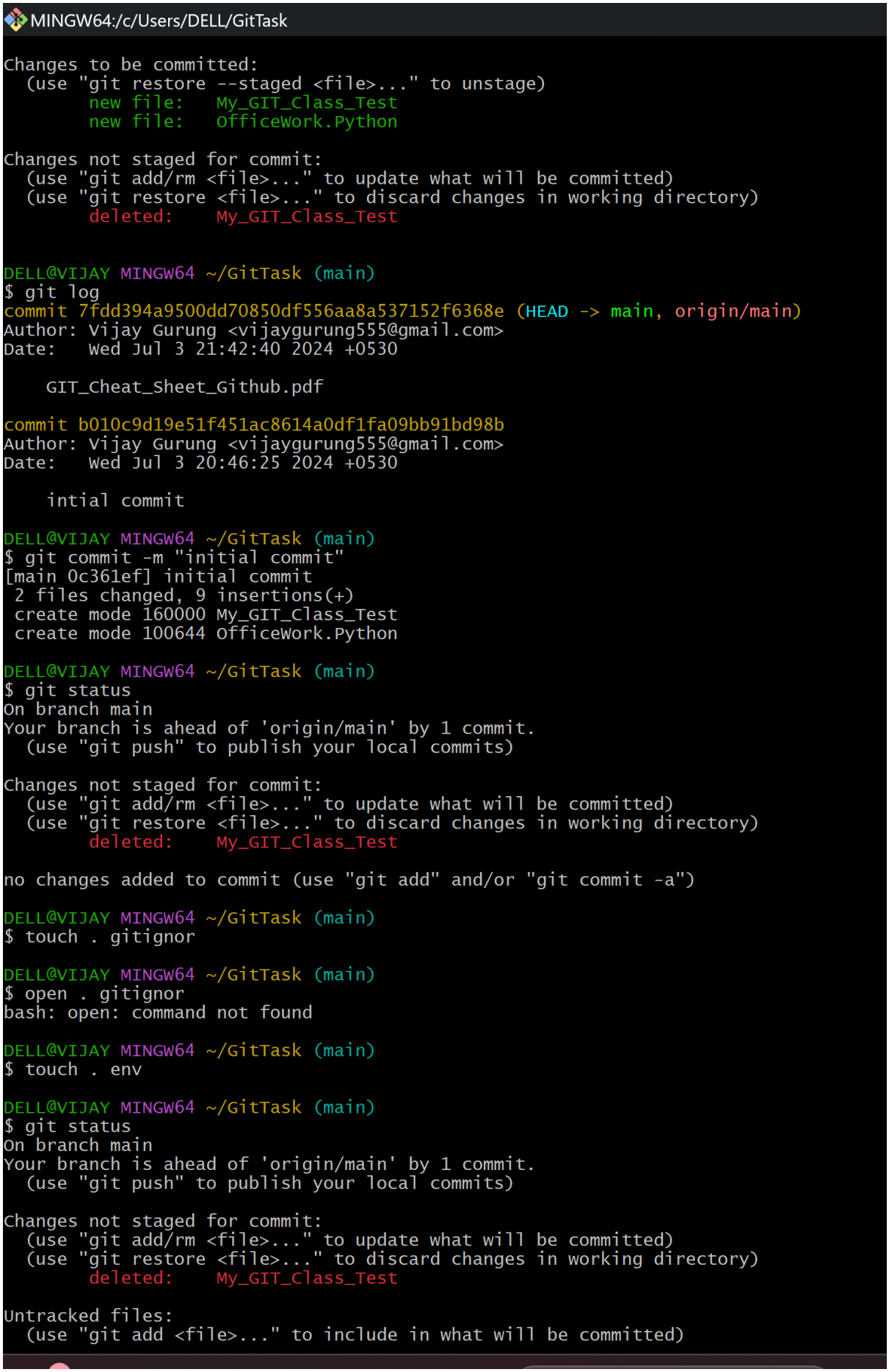
{ create new repo for this }

Environment variables shouldn't get uploaded on GitHub so how will you delete the environment file while uploading codebase on GitHub?

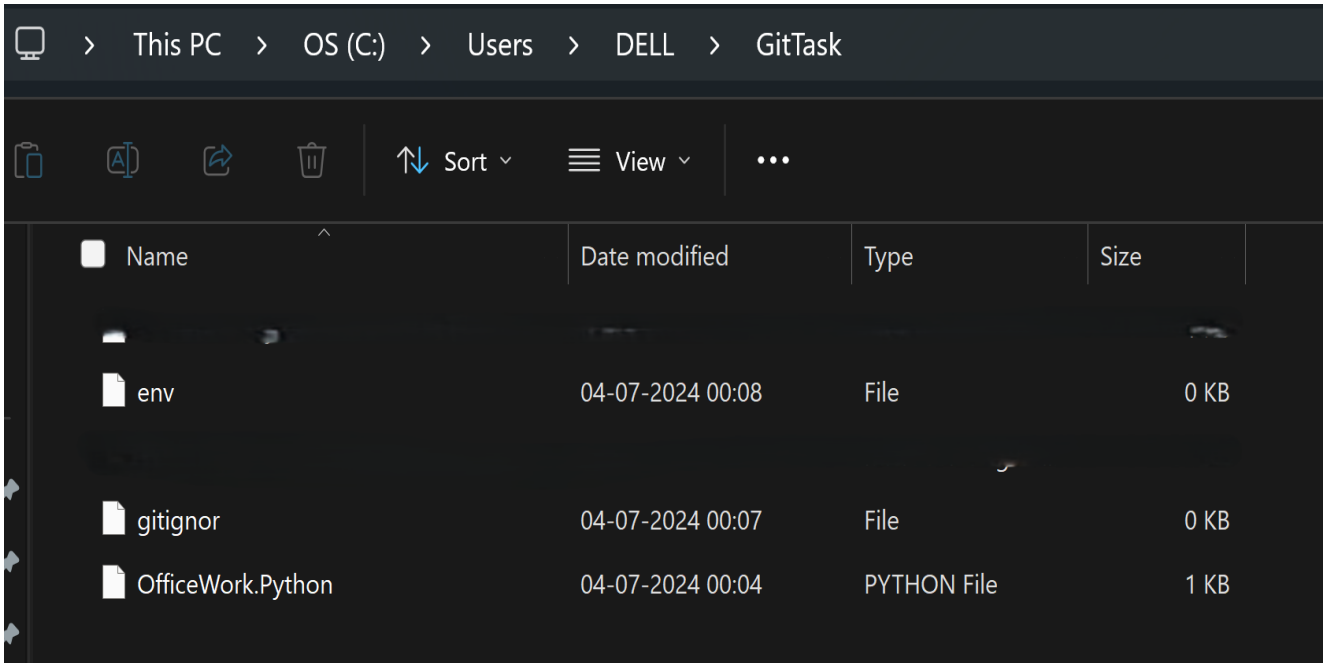
Change any line in code and do commit in any file of repository.

.env | config.env




MINGW64:/c/Users/DELL/GitTask
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: My_GIT_Class_Test
new file: OfficeWork.Python
Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
deleted: My_GIT_Class_Test
DELL@VIJAY MINGW64 ~/GitTask (main)
$ git log
commit 7fdd394a9500dd70850df556aa8a537152f6368e (HEAD -> main, origin/main)
Author: Vijay Gurung <vijaygurung555@gmail.com>
Date: Wed Jul 3 21:42:40 2024 +0530
GIT_Cheat_Sheet_Github.pdf
commit b010c9d19e51f451ac8614a0df1fa09bb91bd98b
Author: Vijay Gurung <vijaygurung555@gmail.com>
Date: Wed Jul 3 20:46:25 2024 +0530
intial commit
DELL@VIJAY MINGW64 ~/GitTask (main)
$ git commit -m "initial commit"
[main 0c361ef] initial commit
2 files changed, 9 insertions(+)
create mode 160000 My_GIT_Class_Test
create mode 100644 OfficeWork.Python
DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
deleted: My_GIT_Class_Test
no changes added to commit (use "git add" and/or "git commit -a")
DELL@VIJAY MINGW64 ~/GitTask (main)
$ touch . gitignor
DELL@VIJAY MINGW64 ~/GitTask (main)
$ open . gitignor
bash: open: command not found
DELL@VIJAY MINGW64 ~/GitTask (main)
$ touch . env
DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
deleted: My_GIT_Class_Test
Untracked files:
(use "git add <file>..." to include in what will be committed)

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

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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add . env

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add gitignor

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    My_GIT_Class_Test
        new file:   env
        new file:   gitignor


DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add env

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    My_GIT_Class_Test
        new file:   env
        new file:   gitignor


DELL@VIJAY MINGW64 ~/GitTask (main)
$
```


This PC
OS (C:)
Users
DELL
GitTask
Sort
View
Name
Date modified
Type
Size
env
04-07-2024 00:08
File
0 KB
gitignor
04-07-2024 00:07
File
0 KB
OfficeWork.Python
04-07-2024 00:04
PYTHON File
1 KB