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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)
$

```


github.com/Vijaygurung1/My\_GIT\_Class\_Test

**Set up GitHub Copilot**  
Use GitHub's AI pair programmer to autocomplete suggestions as you code.  
[Get started with GitHub Copilot](#)

**Add collaborators to this repository**  
Search for people using their GitHub username or email address.  
[Invite collaborators](#)

**Quick setup — if you've done this kind of thing before**

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) [https://github.com/Vijaygurung1/My\\_GIT\\_Class\\_Test.git](https://github.com/Vijaygurung1/My_GIT_Class_Test.git)

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend ever  `MINGW64/C/Users/DELL/GitTask`

**...or create a new repository on the command line**

```

echo "# My_GIT_Class_Test" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git
git push -u origin main

```

**...or push an existing repository from the command line**

```

git remote add origin https://github.com/Vijaygurung1/My_GIT_Class_Test.git
git branch -M main
git push -u origin main

```

```

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)
$

```

Vijaygurun1 / My\_GIT\_Class\_Test

Type to search

<> Code

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Pull requests

Actions

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Files

main

Go to file

ClassCode.Python

My\_GIT\_Class\_Test / ClassCode.Python

Vijaygurun1

initial 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/Vijaygurun1/My\_GIT\_Class\_Test.git

DELL@VIJAY MINGW64 ~/GitTask (master)

\$ git remote -v

origin https://github.com/Vijaygurun1/My\_GIT\_Class\_Test.git (fetch)

origin https://github.com/Vijaygurun1/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/Vijaygurun1/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
```

The screenshot shows a GitHub repository named "My\_GIT\_Class\_Test" (Public) with 1 branch and 0 tags. The repository contains two files: "ClassCode.Python" and "GIT\_Cheat\_Sheet\_Github.pdf". A README file is also visible. On the right, a terminal window shows the following commands and output:

```
MINGW64:/c/Users/DELL/GitTask
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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ 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 (main)
$ git remote add origin https://github.com/Vijaygurung1/My_Pdf_File_From_Git.git
error: remote origin already exists.

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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 91.07 KiB | 30.36 MiB/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
   b010c9d..7fdd394  main -> main
branch 'main' set up to track 'origin/main'.

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

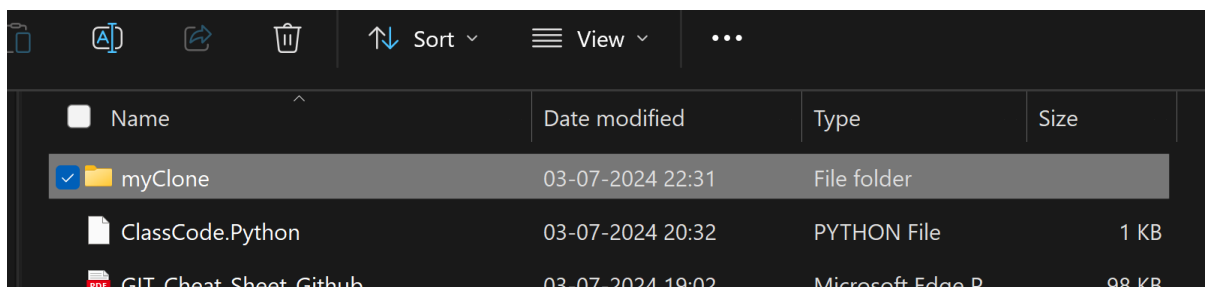
Q.No.1 ( C ) Answer :-

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

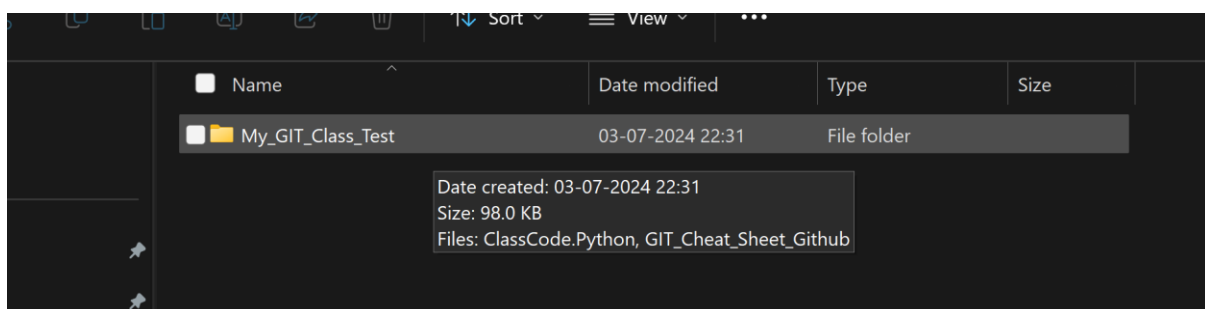
DELL@VIJAY MINGW64 ~/GitTask (main)
$ cd myClone

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)
$
```



Name	Date modified	Type	Size
myClone	03-07-2024 22:31	File folder	
ClassCode.Python	03-07-2024 20:32	PYTHON File	1 KB
GIT_Cheat_Sheet_Github	03-07-2024 19:02	Microsoft Edge P...	98 KB



Name	Date modified	Type	Size
My_GIT_Class_Test	03-07-2024 22:31	File folder	

Date created: 03-07-2024 22:31  
Size: 98.0 KB  
Files: ClassCode.Python, GIT\_Cheat\_Sheet\_Github

<div><div><div>✂</div><div>📄</div><div>📁</div><div>📄</div><div>🔗</div><div>🗑</div></div><div><div>↕ Sort</div><div>☰ View</div><div>⋮</div></div></div>				
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

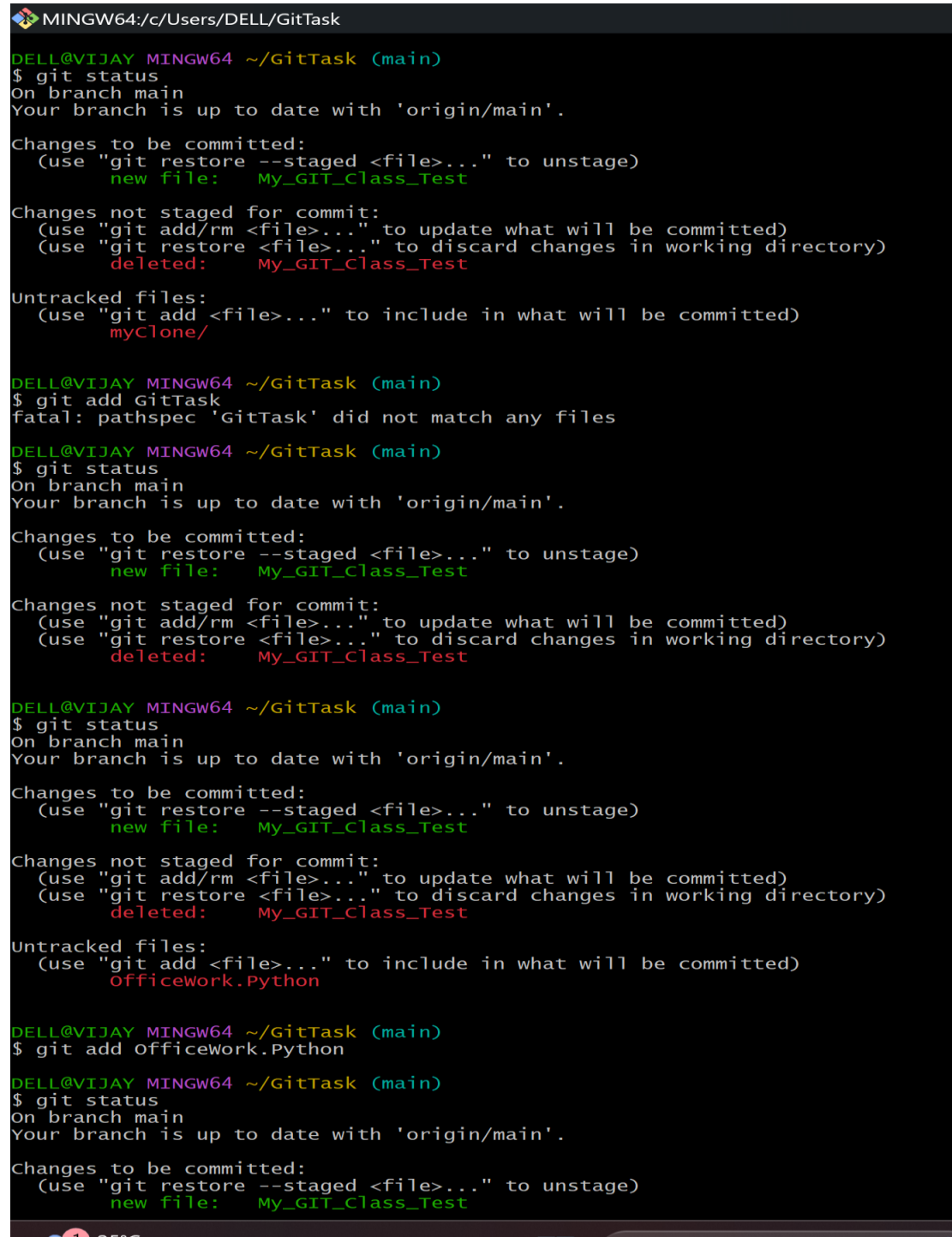
Q.No 2 :

{ 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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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)
    myClone/

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git add GitTask
fatal: pathspec 'GitTask' did not match any files

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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 status
On branch main
Your branch is up to date with 'origin/main'.

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

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)
    OfficeWork.Python

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

DELL@VIJAY MINGW64 ~/GitTask (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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



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

initial 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)
```

```
$ |
```

