Name- Pushkar Ranjan

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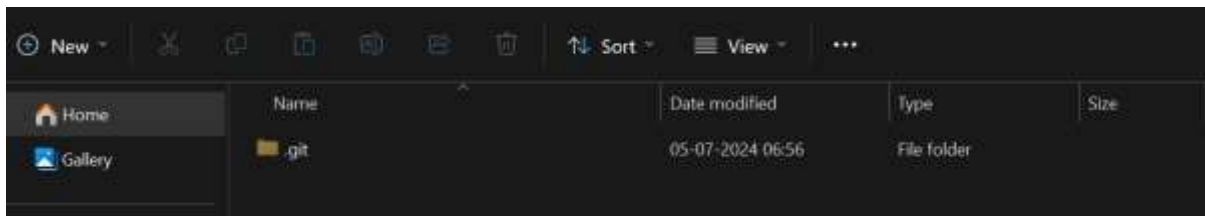
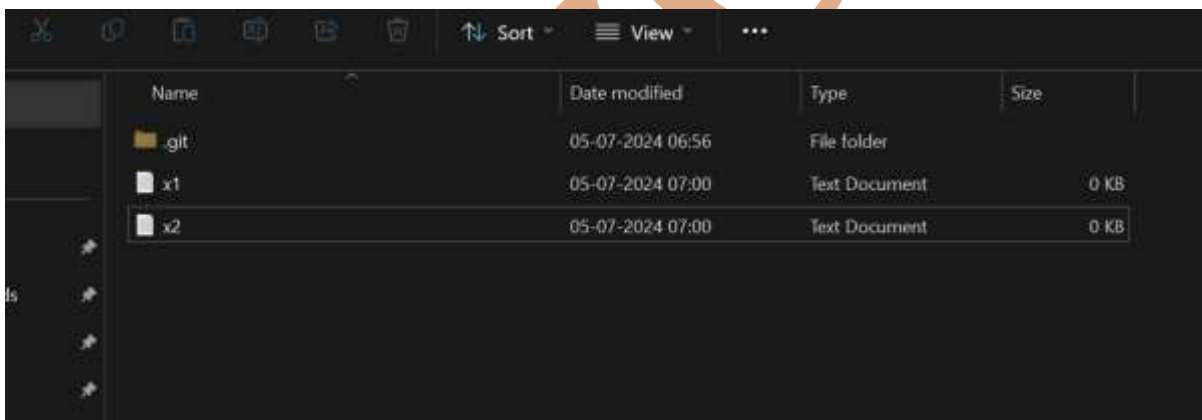Qualification- BE (CSE)

Year of Passout- 2024

CGPA – 8.5

TASK-1

1- create a folder name task-1 & initialize git

2- create 2 files in master and commit them with a message 'master files commit'

3- create a new _remote repository and push the master branch

4- create a feature branch with name 'f1'

5- create a file in f1 branch & commit it with message 'f1 commit'

6- push f1 branch to remote repo

7- modify master files in f1 branch and commit them with msg 'modified M files in f1'

8- push the modified files to f1 branch of remote repo9

9- create a newbranch from master with a name f2

10- push f2 branch to repmote repo

11- delete the f2 branch only in the remote (not in local)

1. create a folder name task-1 & initialize git

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1
$ git init
Initialized empty Git repository in C:/Users/Pushkar/OneDrive/Desktop/MY Folder/DevOps/task-1/.git/
```

Name	Date modified	Type	Size
.git	05-07-2024 06:56	File folder	

2. create 2 files in master and commit them with a message 'master files commit'

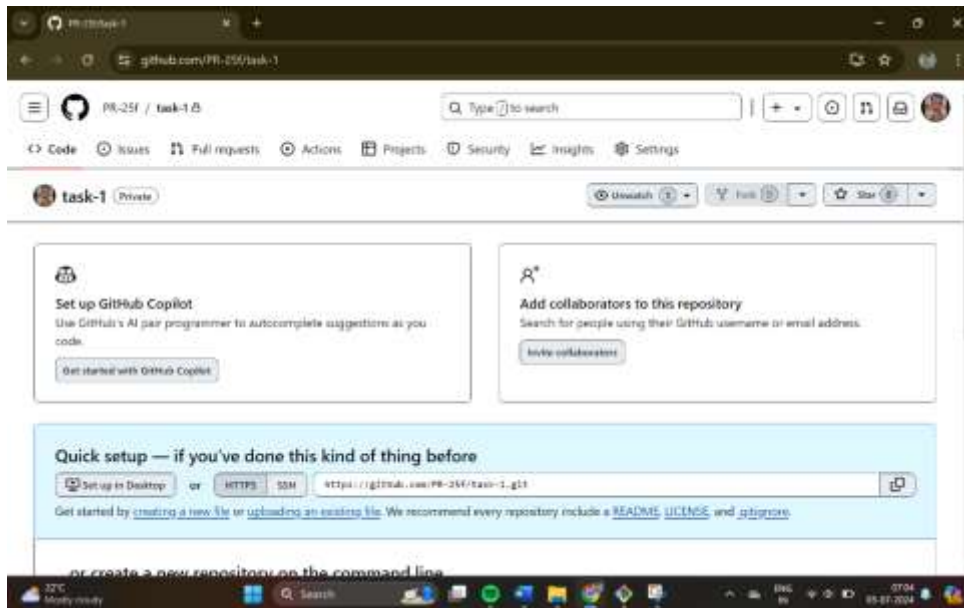| Name	Date modified	Type	Size
.git	05-07-2024 06:56	File folder	
x1	05-07-2024 07:00	Text Document	0 KB
x2	05-07-2024 07:00	Text Document	0 KB

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ ls -a
./  ../  .git/  x1.txt  x2.txt

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git add .

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git commit -m " master files commit "
[master (root-commit) f536bb7]  master files commit
2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 x1.txt
 create mode 100644 x2.txt

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$
```
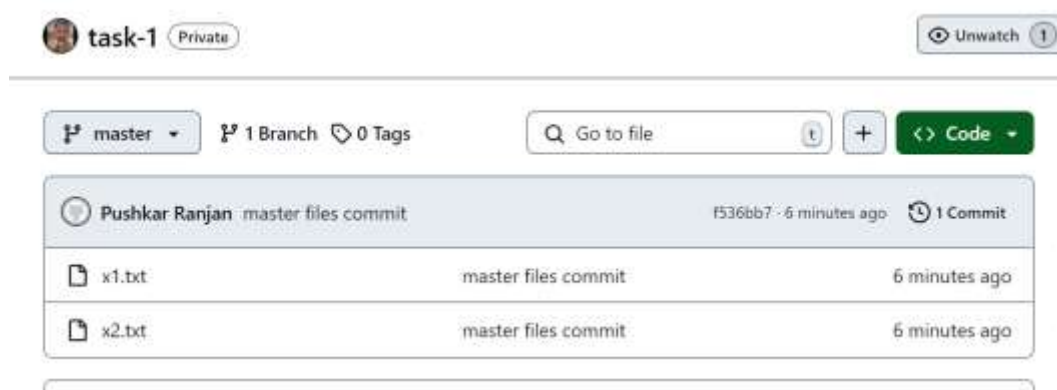
3. create a new _remote repository and push the master branch


```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git remote add r1 https://github.com/PR-25f/task-1.git

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git remote
r1

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git push r1 master
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), 224 bytes | 224.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PR-25f/task-1.git
 * [new branch]      master -> master
```

4. create a feature branch with name 'f1'

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git branch f1

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git branch
  f1
* master
```

```
$ git push r1 f1
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'f1' on GitHub by visiting:
remote:          https://github.com/PR-25f/task-1/pull/new/f1
remote:
To https://github.com/PR-25f/task-1.git
 * [new branch]       f1 -> f1
```

5. create a file in f1 branch & commit it with message 'f1 commit'


```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f1)
$ git commit -m " f1 commit "
[f1 d769027]  f1 commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 w1.txt
```

6. push f1 branch to remote repo

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f1)
$ git push r1 f1
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% (2/2), 243 bytes | 243.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PR-25f/task-1.git
   f536bb7..d769027  f1 -> f1
```

7. modify master files in f1 branch and commit them with msg 'modified M files in f1'

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f1)
$ git commit - m " modified m files in f1 "
error: pathspec '-' did not match any file(s) known to git
error: pathspec 'm' did not match any file(s) known to git
error: pathspec ' modified m files in f1 ' did not match any file(s) known to git
```

8. push the modified files to f1 branch of remote repo9

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f1)
$ git push r1 f1
Enumerating objects: 7, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
writing objects: 100% (4/4), 325 bytes | 325.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PR-25f/task-1.git
   d769027..bf52a36  f1 -> f1
```

🔘 task-1 (Private)   ⊙ Unwatch 1

⑂ **f1** had recent pushes 15 seconds ago   **Compare & pull request**

⑂ f1 ▾   ⑂ 2 Branches ◇ 0 Tags   Q Go to file   ⊤   +   <> Code ▾

This branch is 2 commits ahead of master .   ⇅ Contribute ▾

🔘 Pushkar Ranjan modified m files in f1		bf52a36 · now 🕔 3 Commits
🗎 w1.txt	f1 commit	26 minutes ago
🗎 x1.txt	modified m files in f1	now
🗎 x2.txt	modified m files in f1	now

9. create a new branch from master with a name f2

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ git branch f2
```

10- push f2 branch to remote_repo

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f2)
$ git push r1 f2
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'f2' on GitHub by visiting:
remote:         https://github.com/PR-25f/task-1/pull/new/f2
remote:
To https://github.com/PR-25f/task-1.git
 * [new branch]        f2 -> f2
```

task-1 Private   Unwatch

f1 had recent pushes 17 minutes ago   Compare & pull request

f1 ▾   3 Branches 0 Tags   Q Go to file   t   +   <> Code ▾

Switch branches/tags   ✕   Contribute ▾

Q Find or create a branch...

Branches   Tags   bf52a36 - 19 minutes ago   3 Commits

master   default   commit   44 minutes ago

✓ f1   odified m files in f1   19 minutes ago

f2   odified m files in f1   19 minutes ago

View all branches
LLL README

11- delete the f2 branch only in the remote (not in local)

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (f2)
$ git push r1 -d f2
To https://github.com/PR-25f/task-1.git
 - [deleted]           f2
```

THANK YOU!