

4/7/2024

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Year of Passout- **2024**

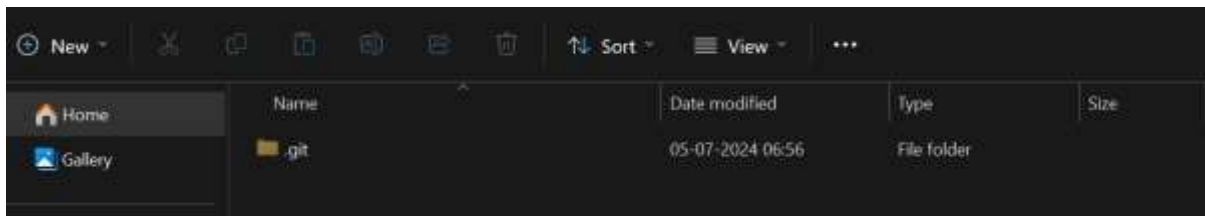
CGPA – **8.5**

TASK-1

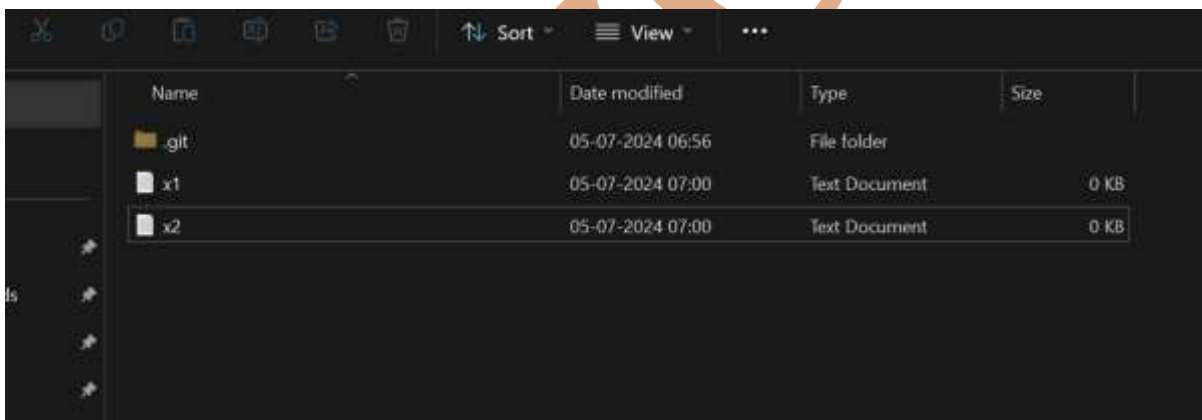
- 1- create a folder name task-1 & initialize git
- 2- create 2 files in master and commit them with a message 'master files commit'
- 3- create a new _remote repository and push the master branch
- 4- create a feature branch with name 'f1'
- 5- create a file in f1 branch & commit it with message 'f1 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 repo
- 9- create a new branch from master with a name f2
- 10- push f2 branch to remote 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/
```



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



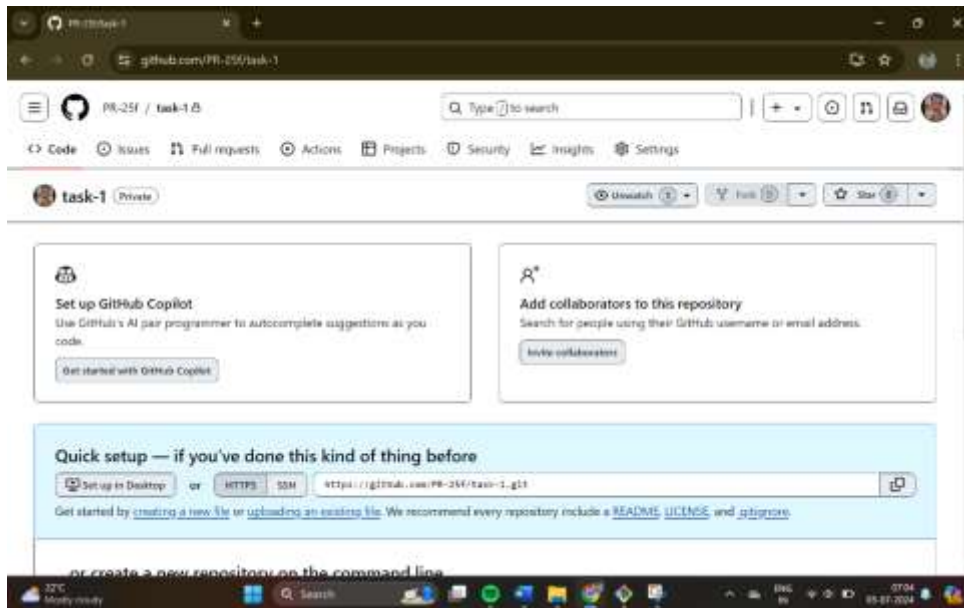
```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task-1 (master)
$ ls -a
./ ../ .git/ x1.txt x2.txt

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)
$
```

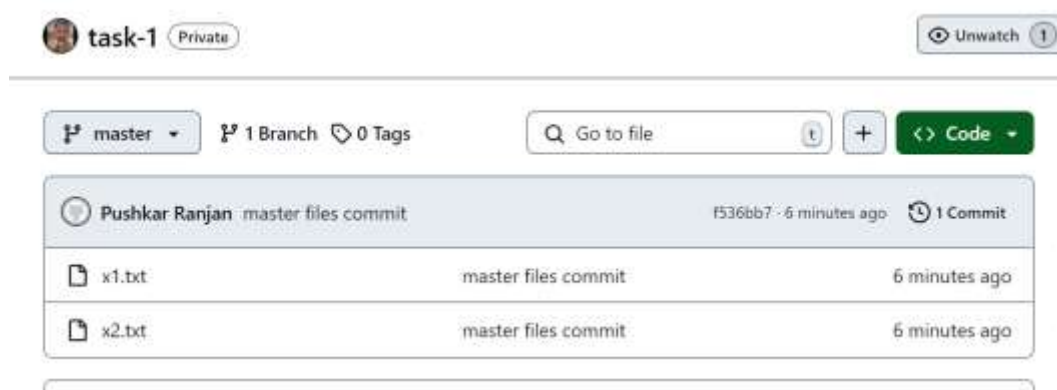
3. create a new _remote repository and push the master branch



```
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
```

The screenshot shows the GitHub interface for a repository named 'task-1' (Private). The repository has 2 branches and 0 tags. The 'master' branch is selected. A dropdown menu titled 'Switch branches/tags' is open, showing a search bar 'Find or create a branch...' and a list of branches: 'master' (checked, default) and 'f1'. Below the list is a link 'View all branches'. In the background, the commit history is visible, showing a commit 'f536bb7' from 13 minutes ago with 1 commit.


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


Home	Name	Date modified	Type	Size
Gallery	.git	05-07-2024 07:07	File folder	
	w1	05-07-2024 07:21	Text Document	0 KB
Desktop	x1	05-07-2024 07:00	Text Document	0 KB
Downloads	x2	05-07-2024 07:00	Text Document	0 KB
Music				




```
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
```




 **task-1** Private Unwatch 1

 **f1** had recent pushes 10 seconds ago Compare & pull request

 **f1**  2 Branches  0 Tags + Code

This branch is 1 commit ahead of **master** Contribute

 **Pushkar Ranjan** **f1 commit** d769027 · 2 minutes ago 2 Commits


 w1.txt	f1 commit	2 minutes ago
 x1.txt	master files commit	24 minutes ago
 x2.txt	master files commit	24 minutes ago


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 repo


```
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 + 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 Fo\lder/DevOps/task-1 (master)
$ git branch f2
```

10- push f2 branch to remote_repo

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Fo\lder/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
```

The screenshot shows the GitHub interface for a repository named 'task-1', which is marked as 'Private'. At the top, a yellow banner indicates that 'f1' had recent pushes 17 minutes ago, with a 'Compare & pull request' button. Below this, the repository's branch status is shown as 'f1' with '3 Branches' and '0 Tags'. A search bar 'Go to file' and a 'Code' button are visible. A 'Switch branches/tags' dropdown menu is open, showing a list of branches: 'master' (marked as 'default'), 'f1' (checked), and 'f2'. Below the branches list is a 'View all branches' link. To the right of the dropdown, a table of recent commits is displayed, showing a commit 'bf52a36' from 19 minutes ago with 3 commits, and two subsequent commits 'commit' from 44 minutes ago and 19 minutes ago, both labeled as 'modified m files in f1'.

task-1 Private Unwatch

f1 had recent pushes 17 minutes ago Compare & pull request

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

Switch branches/tags x

Find or create a branch...

Branches Tags

master default

✓ f1

f2

View all branches

bf52a36 - 19 minutes ago 3 Commits

commit 44 minutes ago

modified m files in f1 19 minutes ago

modified m files in f1 19 minutes ago

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
```

f1 had recent pushes 29 minutes ago [Compare & pull request](#)

f1 2 Branches 0 Tags [+](#) [Code](#)

Switch branches/tags

Branches

Tags

master default

✓ f1

[View all branches](#)

bf52a36 · 29 minutes ago · 3 Commits

commit

1 hour ago

modified m files in f1

29 minutes ago

modified m files in f1

29 minutes ago

THANK YOU!