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Qualification – BE (CSE)
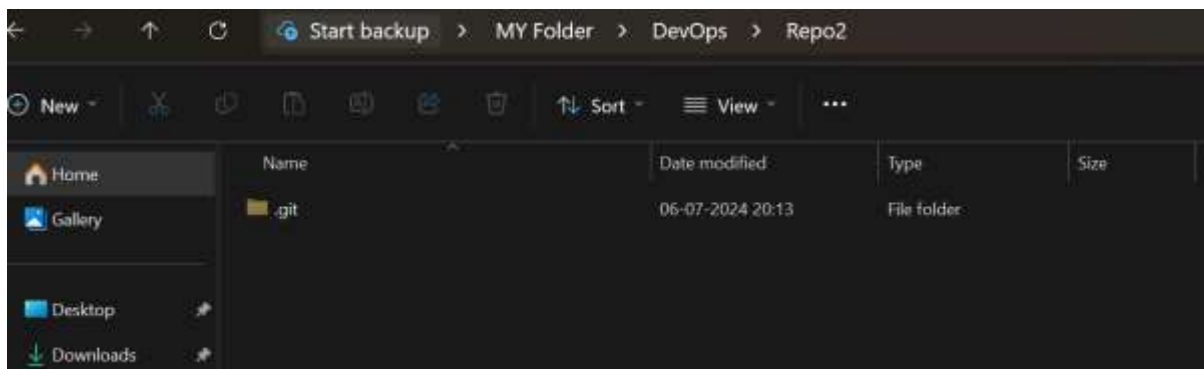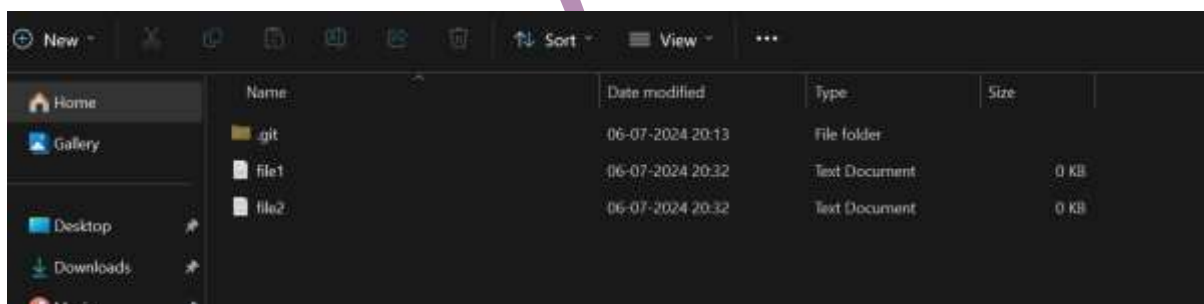
Year of Passout – 2024

CGPA – 8.5

TASK-2

1- create a folder & initialize git repo

2- create a file in master and commit it , push it to remote repo

3- create a feature branch 'branch-1' & push to remote repo

4- create 2 files in feature branch-1, commit them inidividually & push to remote repo

5- modify master file in branch-1, commit & push it

6- checkout to master and modify the same file, commit & push to remote repo

7- create new file in master by adding a content & commit it

8- merge the branch-1 into master

9- create document for the above given task

1- create a folder & initialize git repo

2- create a file in master and commit it , push it to remote repo

3- create a feature branch 'branch-1' & push to remote repo

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git branch branch-1

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git branch
  branch-1
* master

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git push origin branch-1
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'branch-1' on GitHub by visiting:
remote:      https://github.com/PR-25f/task_2/pull/new/branch-1
remote:
To https://github.com/PR-25f/task_2.git
 * [new branch]      branch-1 -> branch-1
```

4- create 2 files in feature branch-1, commit them inidividually & push to remote repo

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git add t3-b.txt

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git add t4-b.txt

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git status
on branch branch-1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file: t3-b.txt
        new file: t4-b.txt

task_2 Private   Unwatch 1

branch-1 had recent pushes 6 seconds ago   Compare & pull request
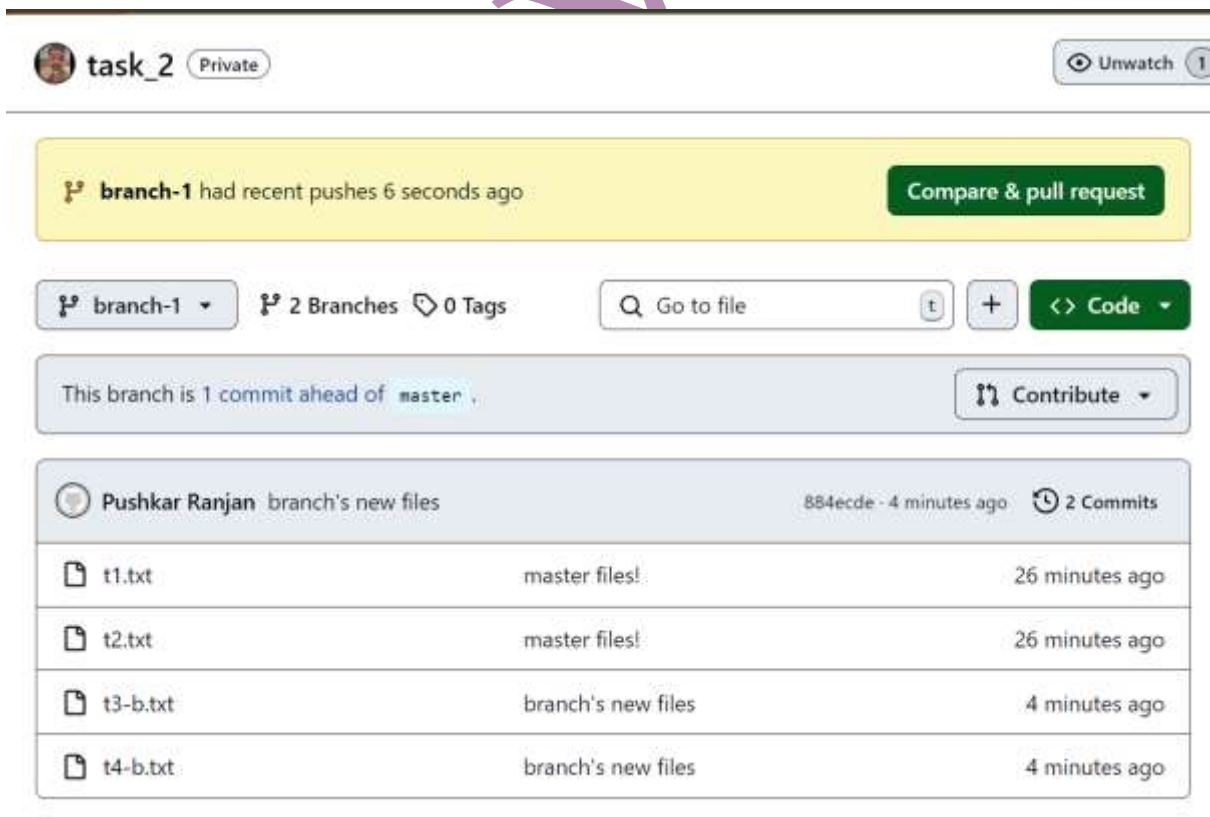
branch-1 ▾   2 Branches ◯ 0 Tags   Q Go to file   t   +   <> Code ▾

This branch is 1 commit ahead of master .   ⇅ Contribute ▾

Pushkar Ranjan branch's new files   884ecde - 4 minutes ago   ⏱ 2 Commits

t1.txt   master files!   26 minutes ago

t2.txt   master files!   26 minutes ago

t3-b.txt   branch's new files   4 minutes ago

t4-b.txt   branch's new files   4 minutes ago

5- modify master file in branch-1, commit & push it

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git commit -m " modified master files "
[branch-1 c712f0d]  modified master files
 2 files changed, 2 insertions(+)
```

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git push origin branch-1
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), 356 bytes | 356.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PR-25f/task_2.git
   884ecde..c712f0d  branch-1 -> branch-1
```

task_2 (Private)   Unwatch 1

branch-1 had recent pushes 4 minutes ago   Compare & pull request

branch-1 ▾   2 Branches 0 Tags   Q Go to file   t   +   <> Code ▾

This branch is 2 commits ahead of master :   Contribute ▾

Pushkar Ranjan modified master files   c712f0d - 1 hour ago   3 Commits

t1.txt	modified master files	1 hour ago
t2.txt	modified master files	1 hour ago
t3-b.txt	branch's new files	1 hour ago
t4-b.txt	branch's new files	1 hour ago

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6- checkout to master and modify the same file, commit & push to remote repo

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (branch-1)
$ git switch master
Switched to branch 'master'
```

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git commit -m " modified master files "
[master 2a7abfc]  modified master files
 2 files changed, 2 insertions(+)

Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git push origin master
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), 324 bytes | 324.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PR-25f/task_2.git
   38ff707..2a7abfc  master -> master
```

task_2 (Private)   ⊙ Unwatch 1
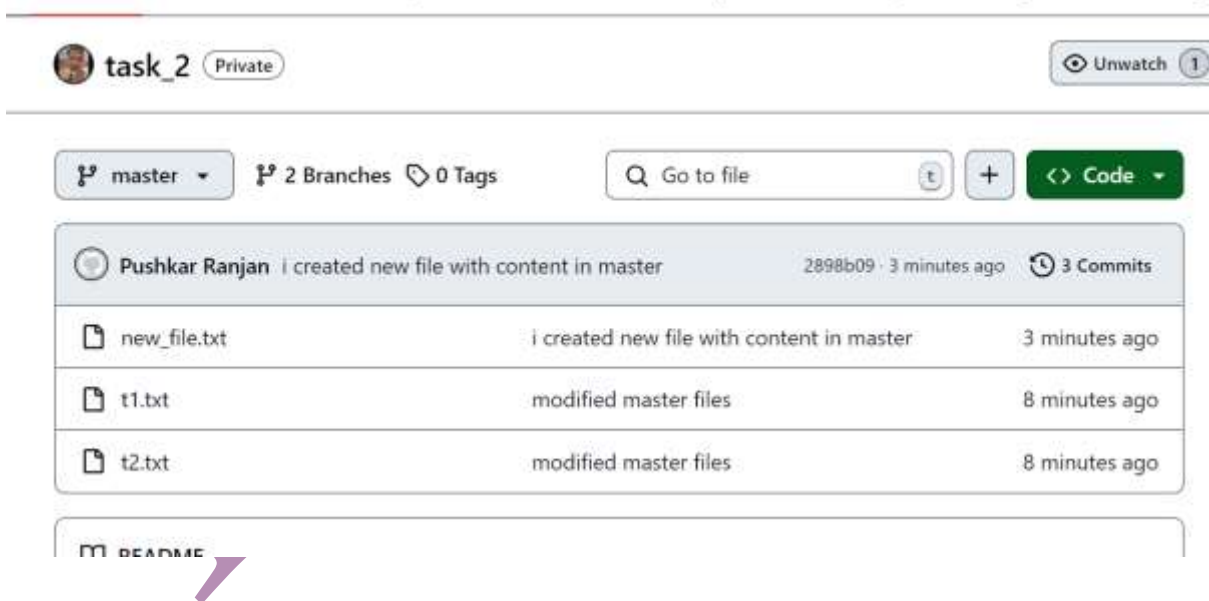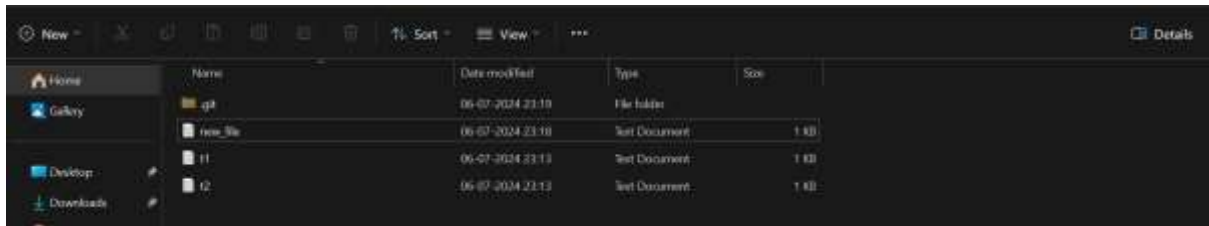
master ▾   2 Branches ◇ 0 Tags   Q Go to file   t   +   <> Code ▾

Pushkar Ranjan modified master files   2a7abfc · 1 minute ago   2 Commits

| 🗋 t1.txt | modified master files | 1 minute ago |
| 🗋 t2.txt | modified master files | 1 minute ago |

7- create new file in master by adding a content & commit it

MY NAME IS ali!!

task_2 (Private)   Unwatch 1

master ▾   2 Branches ⬦ 0 Tags   Q Go to file   t   +   <> Code ▾

Pushkar Ranjan i created new file with content in master   2898b09 · 3 minutes ago   🕙 3 Commits

new_file.txt   i created new file with content in master   3 minutes ago

t1.txt   modified master files   8 minutes ago

t2.txt   modified master files   8 minutes ago

README

8- merge the branch-1 into master

```
Pushkar@ROCKSTAR MINGW64 ~/OneDrive/Desktop/MY Folder/DevOps/task_2 (master)
$ git merge branch-1
Auto-merging t1.txt
CONFLICT (content): Merge conflict in t1.txt
Auto-merging t2.txt
CONFLICT (content): Merge conflict in t2.txt
Automatic merge failed; fix conflicts and then commit the result.
```