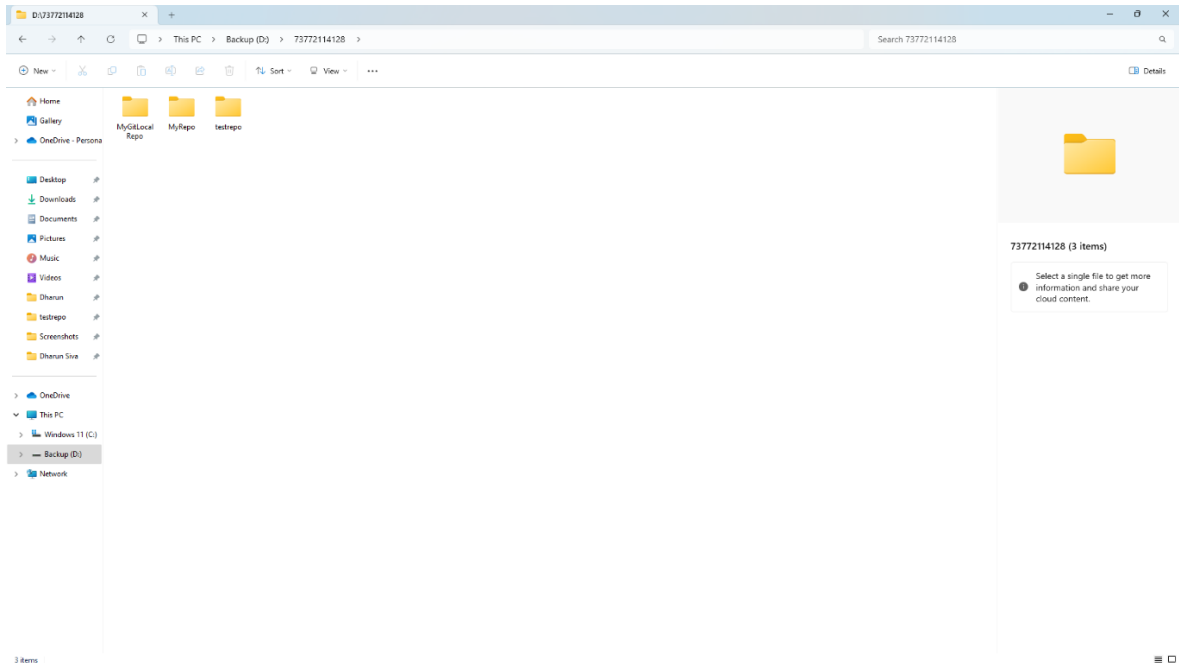# ASSIGNMENT

Name   :   Dharun S

Reg No :   73772114128

Dept   :   B.E_Computer Science and Engineering
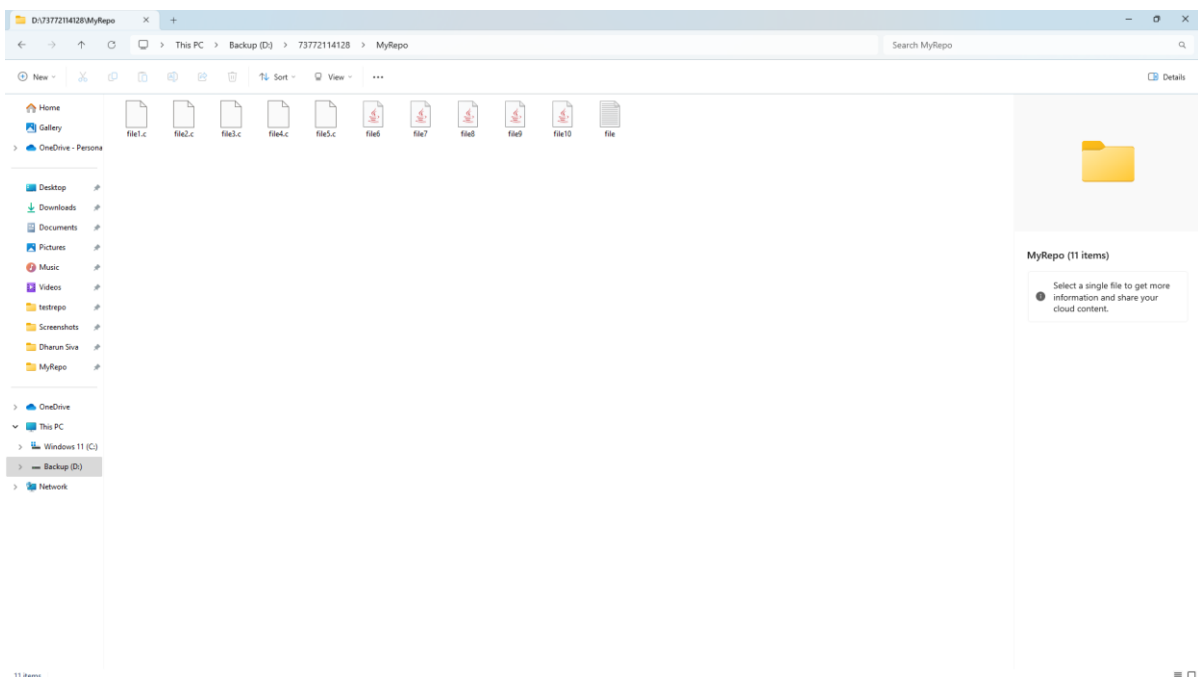
College: K S Rangasamy college of Technology
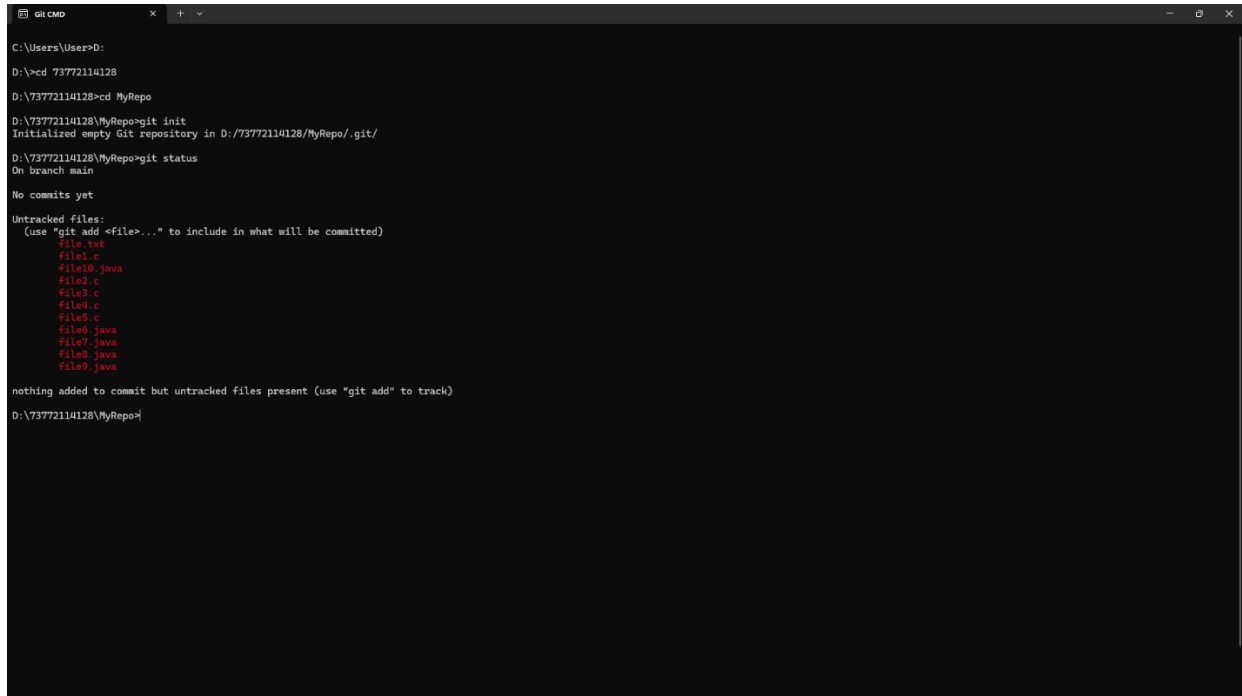
Screenshots

1. **Create a local git repo with the name "MyRepo".**

2. **create one .txt file, five .c files and five .java files in the working area.**

3. Verify the git status.

```
Git CMD                    × + ∨                                                                    —  □  ×

C:\Users\User>D:

D:\>cd 73772114128

D:\73772114128>cd MyRepo

D:\73772114128\MyRepo>git init
Initialized empty Git repository in D:/73772114128/MyRepo/.git/

D:\73772114128\MyRepo>git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file.txt
        file1.c
        file10.java
        file2.c
        file3.c
        file4.c
        file5.c
        file6.java
        file7.java
        file8.java
        file9.java

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

D:\73772114128\MyRepo>
```
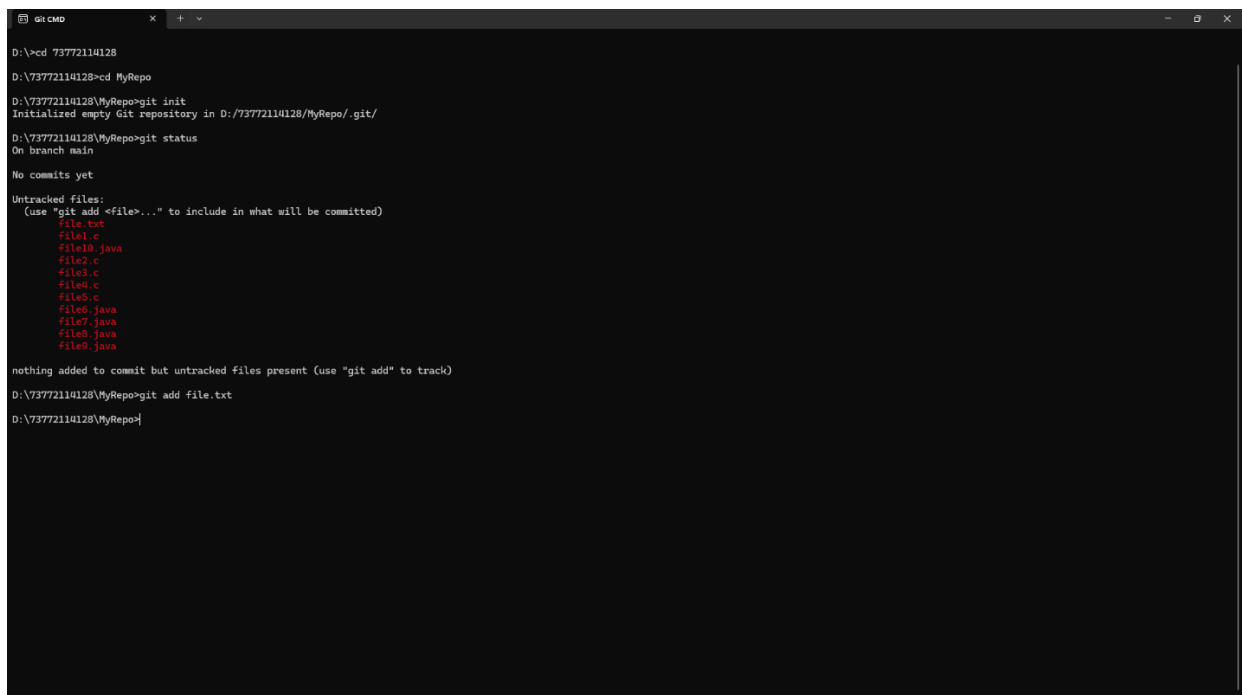
4. Add only the .txt into the staging area

```
Git CMD                    × + ∨                                                                    —  □  ×

D:\>cd 73772114128

D:\73772114128>cd MyRepo

D:\73772114128\MyRepo>git init
Initialized empty Git repository in D:/73772114128/MyRepo/.git/

D:\73772114128\MyRepo>git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file.txt
        file1.c
        file10.java
        file2.c
        file3.c
        file4.c
        file5.c
        file6.java
        file7.java
        file8.java
        file9.java

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

D:\73772114128\MyRepo>git add file.txt

D:\73772114128\MyRepo>
```

5. verify the git status

6. Make a commit with the name "TXT Commit"

7. Add all .c files into the staging area

8. verify the git status

9. Make a commit with the name "C Commit"


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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file1.c
        file10.java
        file2.c
        file3.c
        file4.c
        file5.c
        file6.java
        file7.java
        file8.java
        file9.java

D:\73772114128\MyRepo>git commit -m "TXT Commit"
[main (root-commit) 12c2cd8] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file.txt

D:\73772114128\MyRepo>git add *.c

D:\73772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file1.c
        new file:   file2.c
        new file:   file3.c
        new file:   file4.c
        new file:   file5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file10.java
        file6.java
        file7.java
        file8.java
        file9.java

D:\73772114128\MyRepo>git commit -m "C Commit"
[main 04cfc5f] C Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.c
 create mode 100644 file2.c
 create mode 100644 file3.c
 create mode 100644 file4.c
 create mode 100644 file5.c

D:\73772114128\MyRepo>
```

10. Add all .java files into the staging area


```
        new file:   file.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file1.c
        file10.java
        file2.c
        file3.c
        file4.c
        file5.c
        file6.java
        file7.java
        file8.java
        file9.java

D:\73772114128\MyRepo>git commit -m "TXT Commit"
[main (root-commit) 12c2cd8] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file.txt

D:\73772114128\MyRepo>git add *.c

D:\73772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file1.c
        new file:   file2.c
        new file:   file3.c
        new file:   file4.c
        new file:   file5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file10.java
        file6.java
        file7.java
        file8.java
        file9.java

D:\73772114128\MyRepo>git commit -m "C Commit"
[main 04cfc5f] C Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.c
 create mode 100644 file2.c
 create mode 100644 file3.c
 create mode 100644 file4.c
 create mode 100644 file5.c

D:\73772114128\MyRepo>git add *.java

D:\73772114128\MyRepo>
```

11. verify the git status

12. Make a commit with the name "Java Commit"

13. Delete all .java files from working area

14. Now see the status

15. Add the changes into the staging area.

```
        file10.java
        file6.java
        file7.java
        file8.java
        file9.java

D:\73772114128\MyRepo>git commit -m "C Commit"
[main 04cfc5f] C Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.c
 create mode 100644 file2.c
 create mode 100644 file3.c
 create mode 100644 file4.c
 create mode 100644 file5.c

D:\73772114128\MyRepo>git add *.java

D:\73772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file10.java
        new file:   file6.java
        new file:   file7.java
        new file:   file8.java
        new file:   file9.java


D:\73772114128\MyRepo>git commit -m "Java Commit"
[main d23e014] Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file10.java
 create mode 100644 file6.java
 create mode 100644 file7.java
 create mode 100644 file8.java
 create mode 100644 file9.java

D:\73772114128\MyRepo>git status
On branch main
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:    file10.java
        deleted:    file6.java
        deleted:    file7.java
        deleted:    file8.java
        deleted:    file9.java

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

D:\73772114128\MyRepo>git add .

D:\73772114128\MyRepo>
```
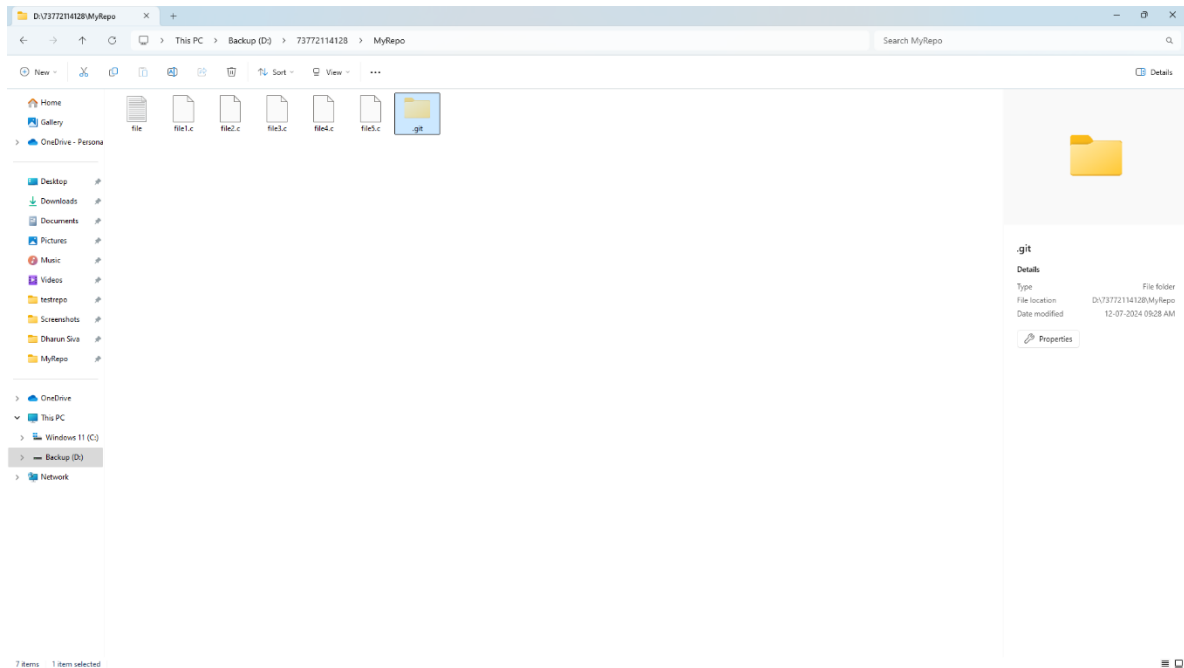
16. Make a commit with the name "Delete Java Commit".

```
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.c
 create mode 100644 file2.c
 create mode 100644 file3.c
 create mode 100644 file4.c
 create mode 100644 file5.c

D:\73772114128\MyRepo>git add *.java

D:\73772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file10.java
        new file:   file6.java
        new file:   file7.java
        new file:   file8.java
        new file:   file9.java


D:\73772114128\MyRepo>git commit -m "Java Commit"
[main d23e014] Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file10.java
 create mode 100644 file6.java
 create mode 100644 file7.java
 create mode 100644 file8.java
 create mode 100644 file9.java

D:\73772114128\MyRepo>git status
On branch main
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:    file10.java
        deleted:    file6.java
        deleted:    file7.java
        deleted:    file8.java
        deleted:    file9.java

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

D:\73772114128\MyRepo>git add .

D:\73772114128\MyRepo>git commit -m "Delete Java Commit"
[main d04d8ee] Delete Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 file10.java
 delete mode 100644 file6.java
 delete mode 100644 file7.java
 delete mode 100644 file8.java
 delete mode 100644 file9.java

D:\73772114128\MyRepo>
```

17. Display all commit details.


```
create mode 100644 file7.java
create mode 100644 file8.java
create mode 100644 file9.java

D:\73772114128\MyRepo>git status
On branch main
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:    file10.java
        deleted:    file6.java
        deleted:    file7.java
        deleted:    file8.java
        deleted:    file9.java

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

D:\73772114128\MyRepo>git add .

D:\73772114128\MyRepo>git commit -m "Delete Java Commit"
[main d04d8ee] Delete Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 file10.java
 delete mode 100644 file6.java
 delete mode 100644 file7.java
 delete mode 100644 file8.java
 delete mode 100644 file9.java

D:\73772114128\MyRepo>git log
commit d04d8eea0e36afce508961029b7bfba4c4ebb93c (HEAD -> main)
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:33:03 2024 +0530

    Delete Java Commit

commit d23e01437c11a1e08a6e513f10468f780886d0f2
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:28:52 2024 +0530

    Java Commit

commit 04cfc5fd8c2a39239999abdc9da73dd82f4fb9bc
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:27:47 2024 +0530

    C Commit

commit 12c2cd8b6244eab694cdfb5759eb199939fb0929
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:26:30 2024 +0530

    TXT Commit

D:\73772114128\MyRepo>
```