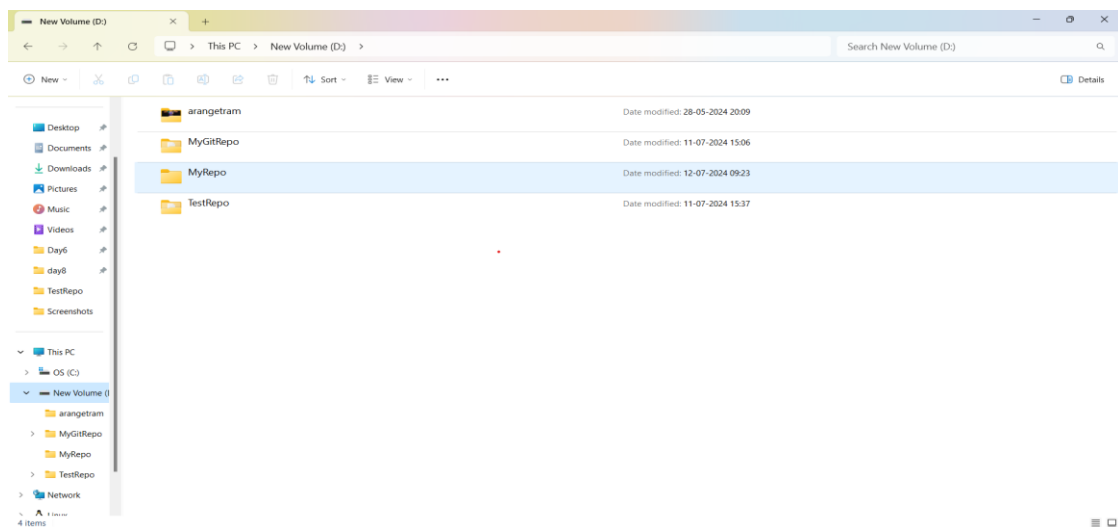


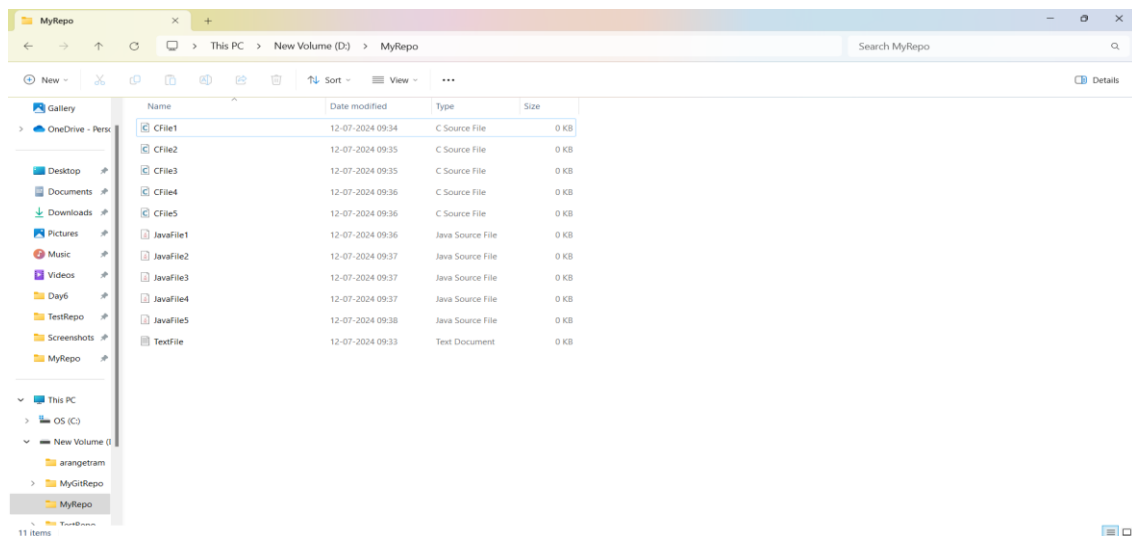
# SOURCE REPOSITORY ASSIGNMENT-1

**NAME** : Pavadharani K N  
**BRANCH** : Computer Science and Engineering  
**REG NO** : 73772114176  
**EMAIL** : [pavadharaninargunaraj474@gmail.com](mailto:pavadharaninargunaraj474@gmail.com)

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\PAVADHARANI>D:
D:\>cd MyRepo
D:\MyRepo>git init
Initialized empty Git repository in D:/MyRepo/.git/
D:\MyRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java
        TextFile.txt

nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>
```

### 4. Add only the .txt into the staging area

```
Git CMD
C:\Users\PAVADHARANI>D:
D:\>cd MyRepo
D:\MyRepo>git init
Initialized empty Git repository in D:/MyRepo/.git/
D:\MyRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java
        TextFile.txt

nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add TextFile.txt
D:\MyRepo>
```

## 5. Verify the git status

```
Git CMD
(use "git add <file>..." to include in what will be committed)
CFile1.c
CFile2.c
CFile3.c
CFile4.c
CFile5.c
JavaFile1.java
JavaFile2.java
JavaFile3.java
JavaFile4.java
JavaFile5.java
TextFile.txt

nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add TextFile.txt

D:\MyRepo>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>
```

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

```
Git CMD
CFile5.c
JavaFile1.java
JavaFile2.java
JavaFile3.java
JavaFile4.java
JavaFile5.java
TextFile.txt

nothing added to commit but untracked files present (use "git add" to track)
D:\MyRepo>git add TextFile.txt

D:\MyRepo>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m"TXT Commit"
[master (root-commit) 77a70de] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 TextFile.txt

D:\MyRepo>
```

## 7. Add all .c files into the staging area

```
Git CMD
JavaFile2.java
JavaFile3.java
JavaFile4.java
JavaFile5.java
TextFile.txt

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

D:\MyRepo>git add TextFile.txt

D:\MyRepo>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m"TXT Commit"
[master (root-commit) 77a70de] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

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

## 8. verify the git status

```
Git CMD

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        CFile1.c
        CFile2.c
        CFile3.c
        CFile4.c
        CFile5.c
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>git commit -m"TXT Commit"
[master (root-commit) 77a70de] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo>git add *.c

D:\MyRepo>git status
On branch master

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   CFile1.c
        new file:   CFile2.c
        new file:   CFile3.c
        new file:   CFile4.c
        new file:   CFile5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        JavaFile1.java
        JavaFile2.java
        JavaFile3.java
        JavaFile4.java
        JavaFile5.java

D:\MyRepo>
```

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

```
Git CMD
JavaFile2.java
JavaFile3.java
JavaFile4.java
JavaFile5.java

D:\MyRepo>git commit -m"TXT Commit"
[master (root-commit) 77a70de] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo>git add *.c

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo>git commit -m"C Commit"
[master 8eaedb6] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c
```

## 10. Add all .java files into the staging area

```
Git CMD
JavaFile5.java

D:\MyRepo>git commit -m"TXT Commit"
[master (root-commit) 77a70de] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TextFile.txt

D:\MyRepo>git add *.c

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo>git commit -m"C Commit"
[master 8eaedb6] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

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

## 11. verify the git status

```
Git CMD
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   CFile1.c
    new file:   CFile2.c
    new file:   CFile3.c
    new file:   CFile4.c
    new file:   CFile5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo>git commit -m"C Commit"
[master 8eaedb6] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>
```

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

```
Git CMD
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    JavaFile1.java
    JavaFile2.java
    JavaFile3.java
    JavaFile4.java
    JavaFile5.java

D:\MyRepo>git commit -m"C Commit"
[master 8eaedb6] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 CFile1.c
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

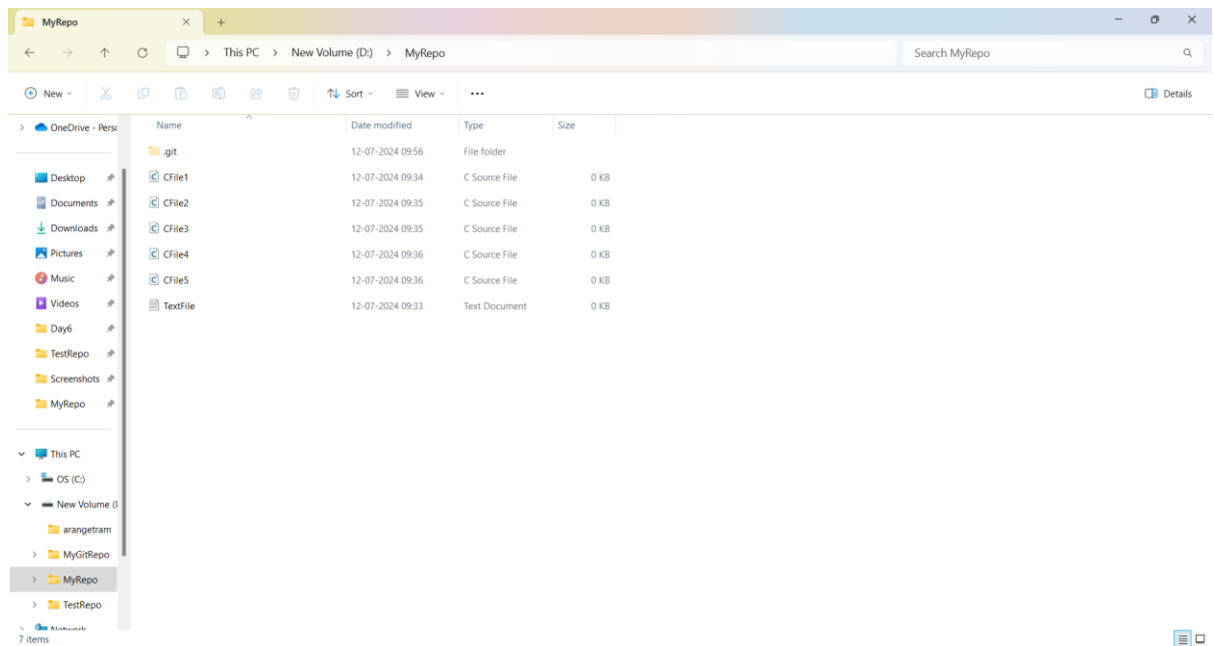
D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>git commit -m"Java Commit"
[master 1fdb9c5] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>
```

### 13. Delete all .java files from working area



### 14. Now see the status

```
Git CMD
create mode 100644 CFile2.c
create mode 100644 CFile3.c
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>git commit -m"Java Commit"
[master 1fdb9c5] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>git status
On branch master
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:   JavaFile1.java
    deleted:   JavaFile2.java
    deleted:   JavaFile3.java
    deleted:   JavaFile4.java
    deleted:   JavaFile5.java

no changes added to commit (use "git add" and/or "git commit -a")
D:\MyRepo>
```

## 15. add the changes into the staging area

```
Git CMD
create mode 100644 CFile4.c
create mode 100644 CFile5.c

D:\MyRepo>git add *.java

D:\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>git commit -m"Java Commit"
[master 1fdb9c5] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>git status
On branch master
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:   JavaFile1.java
    deleted:   JavaFile2.java
    deleted:   JavaFile3.java
    deleted:   JavaFile4.java
    deleted:   JavaFile5.java

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

D:\MyRepo>git add .

D:\MyRepo>
```

## 16. Make a commit with the name "Delete Java Commit"

```
Git CMD

    new file:   JavaFile1.java
    new file:   JavaFile2.java
    new file:   JavaFile3.java
    new file:   JavaFile4.java
    new file:   JavaFile5.java

D:\MyRepo>git commit -m"Java Commit"
[master 1fdb9c5] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 JavaFile1.java
create mode 100644 JavaFile2.java
create mode 100644 JavaFile3.java
create mode 100644 JavaFile4.java
create mode 100644 JavaFile5.java

D:\MyRepo>git status
On branch master
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:   JavaFile1.java
    deleted:   JavaFile2.java
    deleted:   JavaFile3.java
    deleted:   JavaFile4.java
    deleted:   JavaFile5.java

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

D:\MyRepo>git add .

D:\MyRepo>git commit -m"Delete Java Commit"
[master 8708f41] Delete Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 JavaFile1.java
delete mode 100644 JavaFile2.java
delete mode 100644 JavaFile3.java
delete mode 100644 JavaFile4.java
delete mode 100644 JavaFile5.java

D:\MyRepo>
```



## 17. display all commit details

```
Git CMD
deleted: JavaFile5.java

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

D:\MyRepo>git add .

D:\MyRepo>git commit -m"Delete Java Commit"
[master 8708f41] Delete Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 JavaFile1.java
delete mode 100644 JavaFile2.java
delete mode 100644 JavaFile3.java
delete mode 100644 JavaFile4.java
delete mode 100644 JavaFile5.java

D:\MyRepo>git log
commit 8708f419cb9e8d6723c5c9c129901019be34e68b (HEAD -> master)
Author: Pavadharani Nargunaraaj <pavadharaninargunaraaj474@gmail.com>
Date: Fri Jul 12 10:02:03 2024 +0530

    Delete Java Commit

commit 1fdb9c507a525395c597ddb6c94fbbbd9bb03635
Author: Pavadharani Nargunaraaj <pavadharaninargunaraaj474@gmail.com>
Date: Fri Jul 12 09:56:49 2024 +0530

    Java Commit

commit 8eae6b6f9e4cf1f8e6a3b8045c7be178519b9f4d
Author: Pavadharani Nargunaraaj <pavadharaninargunaraaj474@gmail.com>
Date: Fri Jul 12 09:52:21 2024 +0530

    C Commit

commit 77a70de17fa7c6alb06d331c57e062445295b91e
Author: Pavadharani Nargunaraaj <pavadharaninargunaraaj474@gmail.com>
Date: Fri Jul 12 09:47:42 2024 +0530

    TXT Commit

D:\MyRepo>
```