

ASSIGNMENT

Name : Karthi M

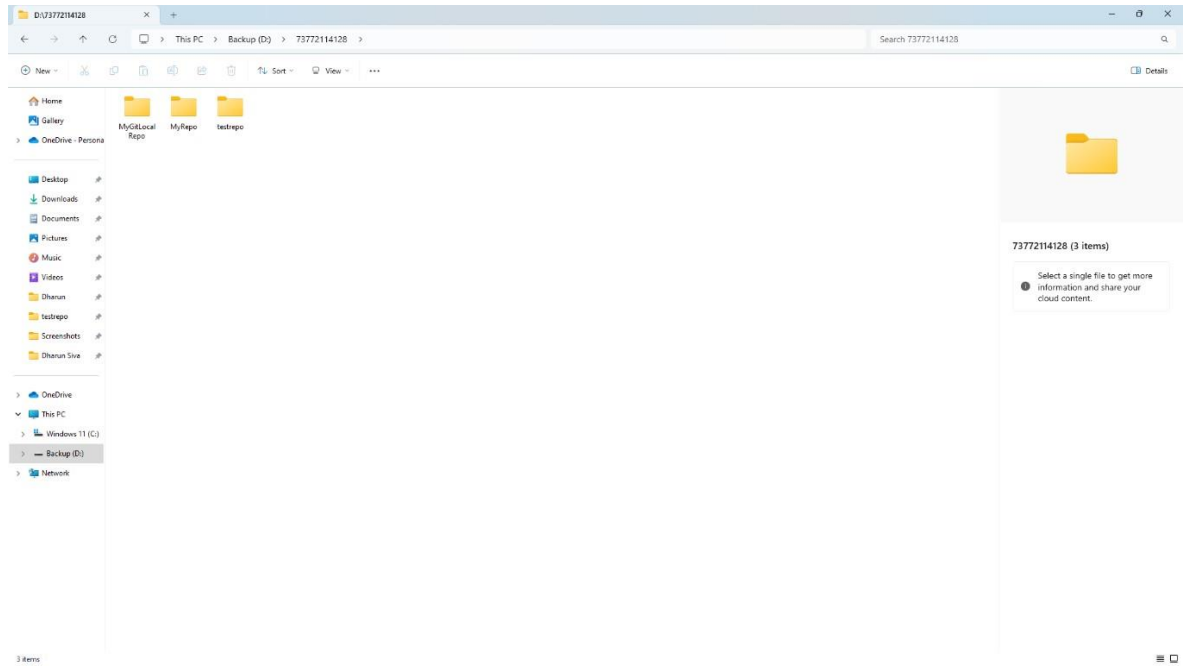
Reg No : 73772114153

Dept : B.E_Computer Science and Engineering

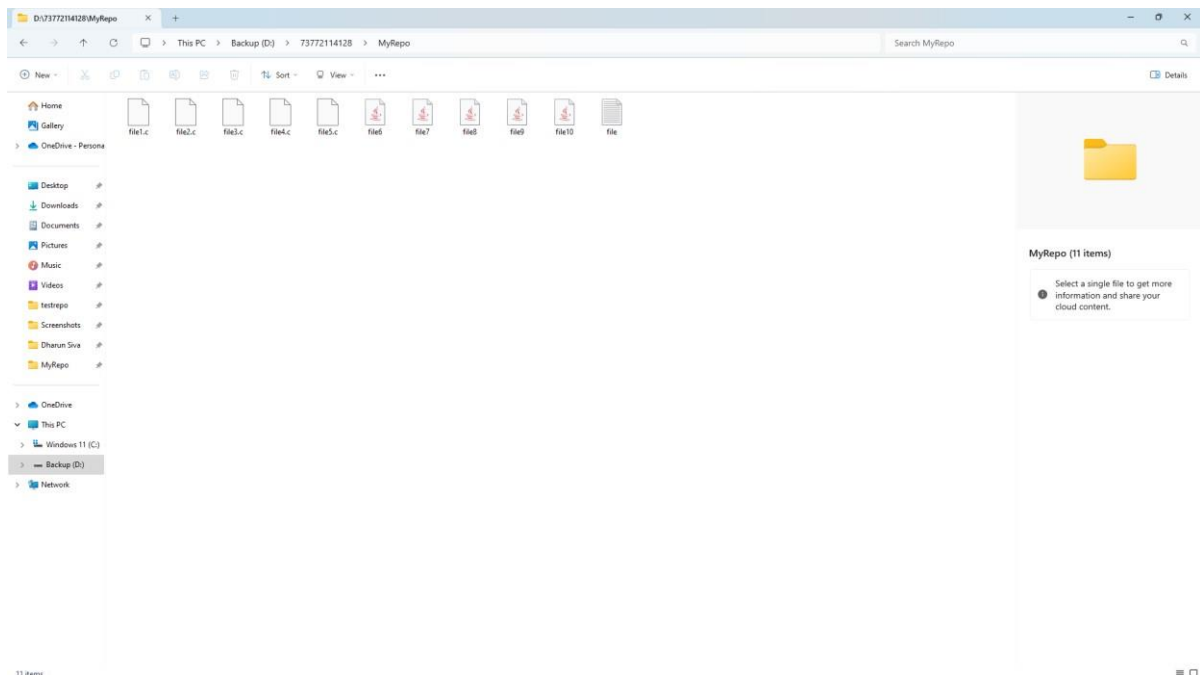
College: K S Rangasamy college of Technology

Screenshots

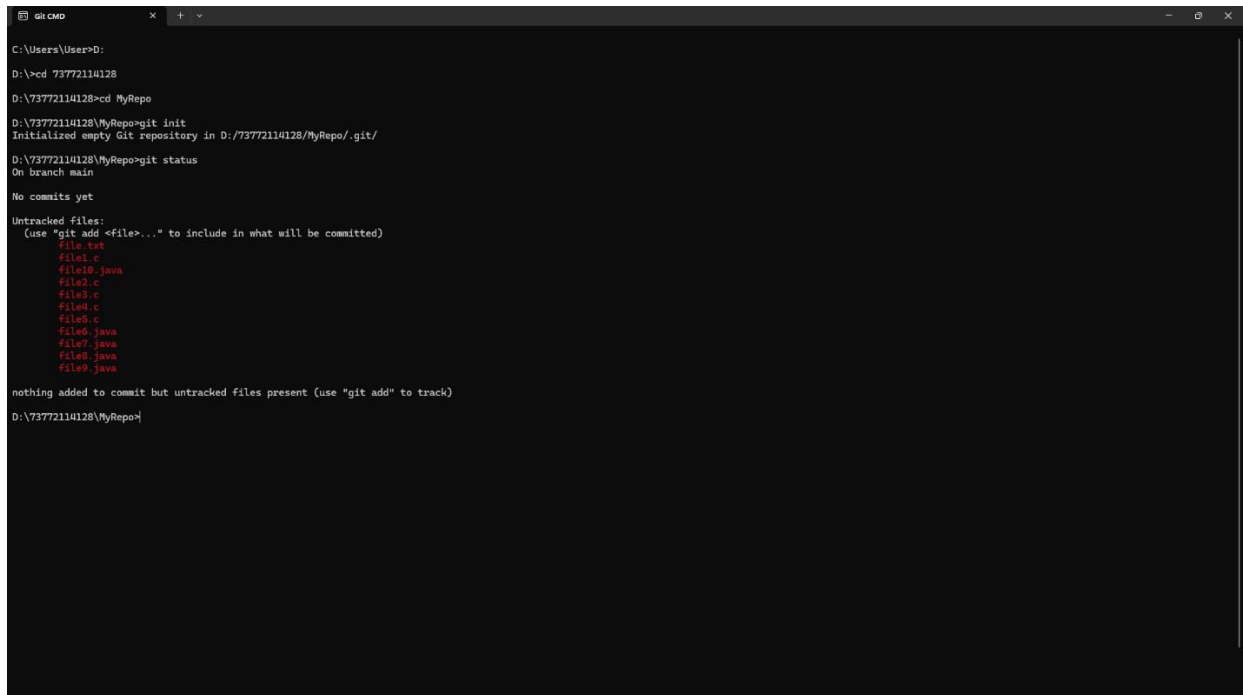
1. Create a local git repo with the name "MyRepo".



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



3. Verify the git status.



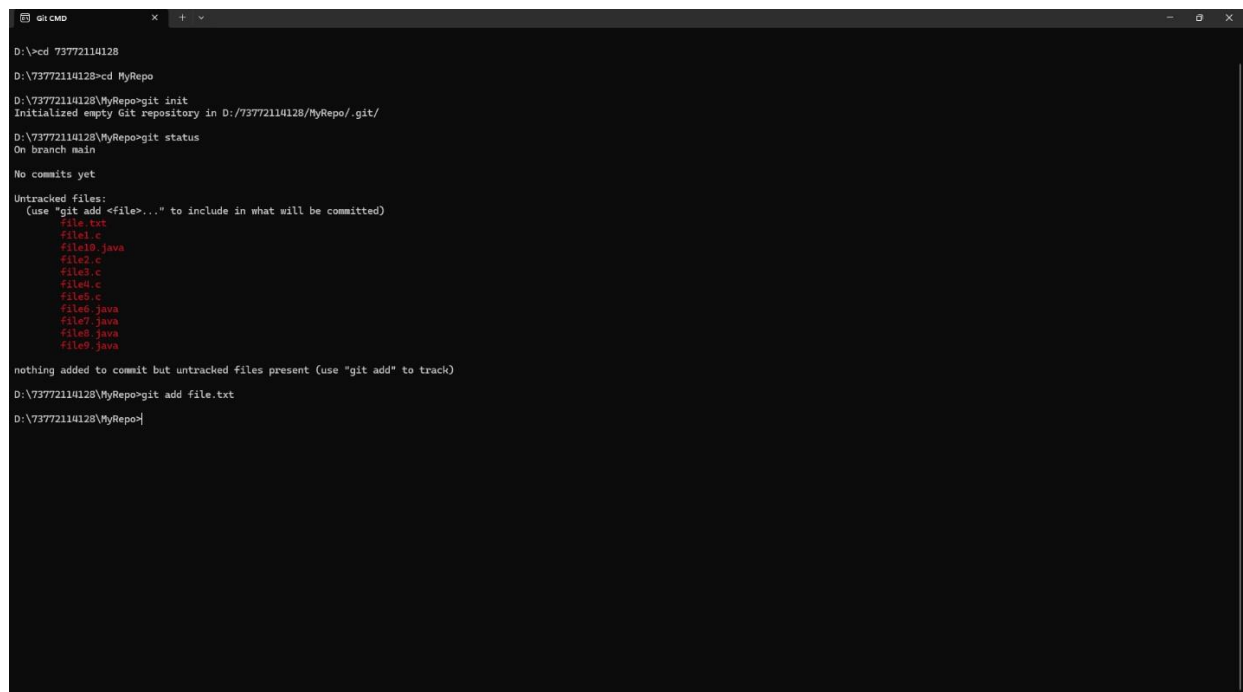
```
Git CMD
C:\Users\User>D:
D:\>cd 73772114128
D:\73772114128>cd MyRepo
D:\73772114128\MyRepo>git init
Initialized empty Git repository in D:/73772114128/MyRepo/.git/
D:\73772114128\MyRepo>git status
On branch main

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

```
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>git status
On branch main
No commits yet

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>
```

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

```
git CMD
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>git status
On branch main
No commits yet

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>
```

7. Add all .c files into the staging area

```
git CMD
x + v
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>git status
On branch main

No commits yet

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>
```

8. verify the git status

```
git CMD
x + v
nothing added to commit but untracked files present (use "git add" to track)
D:\73772114128\MyRepo>git add file.txt
D:\73772114128\MyRepo>git status
On branch main

No commits yet

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>
```

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

```
git CMD
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
    file18.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)
    file18.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

```
git CMD
    new file:   file.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    file1.c
    file18.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)
    file18.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

```
file7.java
file8.java
file9.java

D:\V3772114128\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:\V3772114128\MyRepo>git add *.c

D:\V3772114128\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)
        file6.java
        file7.java
        file8.java
        file9.java

D:\V3772114128\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:\V3772114128\MyRepo>git add *.java

D:\V3772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file6.java
        new file:   file7.java
        new file:   file8.java
        new file:   file9.java

D:\V3772114128\MyRepo>
```

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

```
D:\V3772114128\MyRepo>git add *.c

D:\V3772114128\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)
        file6.java
        file7.java
        file8.java
        file9.java

D:\V3772114128\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

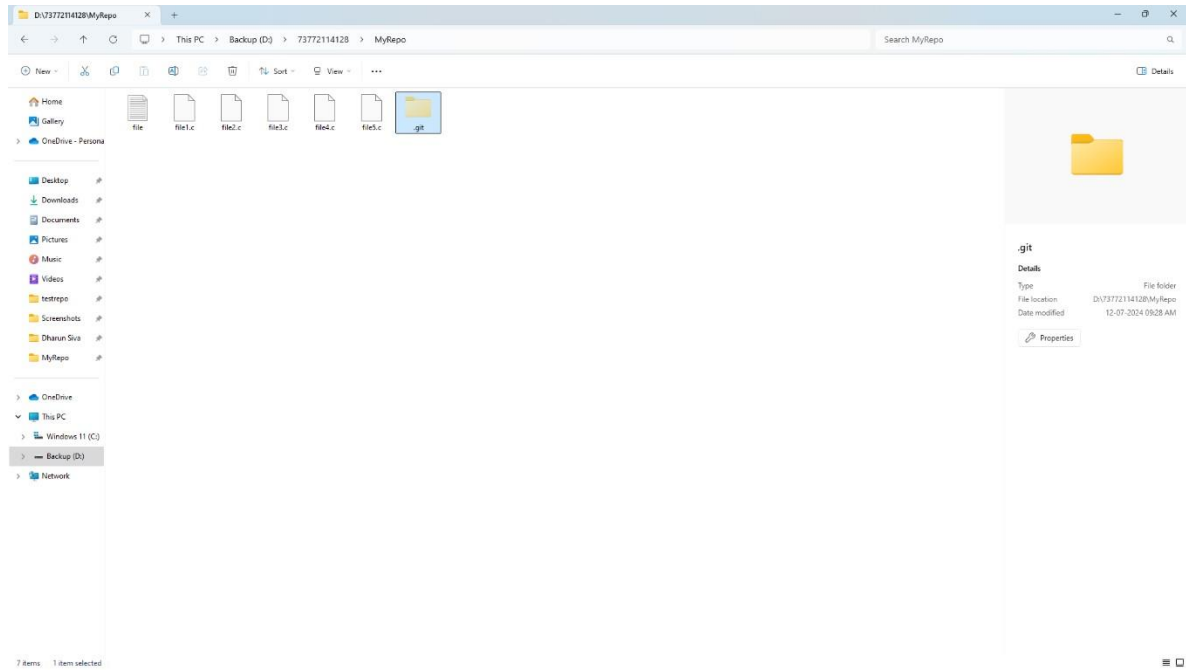
D:\V3772114128\MyRepo>git add *.java

D:\V3772114128\MyRepo>git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file6.java
        new file:   file7.java
        new file:   file8.java
        new file:   file9.java

D:\V3772114128\MyRepo>git commit -m "Java Commit"
[main d23e01d] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file6.java
create mode 100644 file7.java
create mode 100644 file8.java
create mode 100644 file9.java

D:\V3772114128\MyRepo>
```

13. Delete all .java files from working area



14. Now see the status

```

git CMD
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>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 d23e81d] 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>

```

15. Add the changes into the staging area.


```
git CMD
x + v

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

D:\73772114128\MyRepo>git commit -m "C Commit"
[main 84cfc5f] 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:   file6.java
    new file:   file7.java
    new file:   file8.java
    new file:   file9.java

D:\73772114128\MyRepo>git commit -m "Java Commit"
[main d23e814] 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".

```
git CMD
x + v

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 d23e814] 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 d94d8ee] 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.

```
GH CMD
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:    file8.java
    deleted:    file9.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 file8.java
 delete mode 100644 file9.java
 delete mode 100644 file7.java
 delete mode 100644 file8.java
 delete mode 100644 file9.java

D:\73772114128\MyRepo>git log
commit d04d8ee8e36afce508961029b7bfbac4e6bb93c (HEAD -> main)
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:33:03 2024 +0530

    Delete Java Commit

commit d23d1837c11a1e084de313f18468f780886d0f2
Author: dharun-Siva <dharunsiva333@gmail.com>
Date:   Fri Jul 12 09:28:52 2024 +0530

    Java Commit

commit 04cfc5fd8c2a39239999abdc0da73dd82f4fb9bc
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>
```