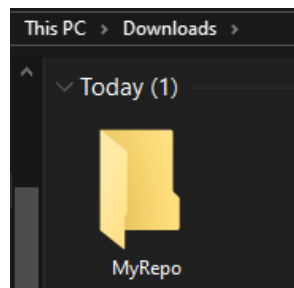


# SOURCE REPOSITORY ASSIGNMENT-1

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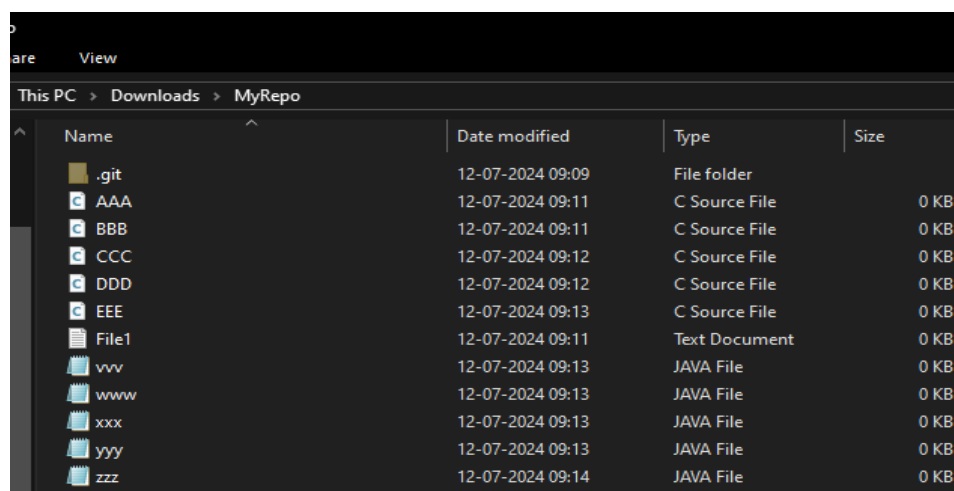
## GIT LAB

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



```
Git CMD
C:\Users\welcome>cd Downloads
C:\Users\welcome\Downloads>cd MyRepo
C:\Users\welcome\Downloads\MyRepo>git init
Initialized empty Git repository in C:/Users/welcome/Downloads/MyRepo/.git/
C:\Users\welcome\Downloads\MyRepo>
```

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



Name	Date modified	Type	Size
.git	12-07-2024 09:09	File folder	
AAA	12-07-2024 09:11	C Source File	0 KB
BBB	12-07-2024 09:11	C Source File	0 KB
CCC	12-07-2024 09:12	C Source File	0 KB
DDD	12-07-2024 09:12	C Source File	0 KB
EEE	12-07-2024 09:13	C Source File	0 KB
File1	12-07-2024 09:11	Text Document	0 KB
vvv	12-07-2024 09:13	JAVA File	0 KB
www	12-07-2024 09:13	JAVA File	0 KB
xxx	12-07-2024 09:13	JAVA File	0 KB
yyy	12-07-2024 09:13	JAVA File	0 KB
zzz	12-07-2024 09:14	JAVA File	0 KB

### 3. Verify the git status

```
C:\Users\welcome\Downloads\MyRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        AAA.c
        BBB.c
        CCC.c
        DDD.c
        EEE.c
        File1.txt
        vvv.java
        www.java
        xxx.java
        yyy.java
        zzz.java

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

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

```
C:\Users\welcome\Downloads\MyRepo>git add File1.txt
C:\Users\welcome\Downloads\MyRepo>_
```

### 5. verify the git status

```
C:\Users\welcome\Downloads\MyRepo>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   File1.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        AAA.c
        BBB.c
        CCC.c
        DDD.c
        EEE.c
        vvv.java
        www.java
        xxx.java
        yyy.java
        zzz.java

C:\Users\welcome\Downloads\MyRepo>_
```

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

```
C:\Users\welcome\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 60bb8bc] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 File1.txt
C:\Users\welcome\Downloads\MyRepo>
```

7. Add all .c files into the staging area

```
C:\Users\welcome\Downloads\MyRepo>git add *.c
C:\Users\welcome\Downloads\MyRepo>
```

8. verify the git status

```
C:\Users\welcome\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   AAA.c
    new file:   BBB.c
    new file:   CCC.c
    new file:   DDD.c
    new file:   EEE.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    vvv.java
    www.java
    xxx.java
    yyy.java
    zzz.java

C:\Users\welcome\Downloads\MyRepo>
```

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

```
C:\Users\welcome\Downloads\MyRepo>git commit -m "C Commit"
[master 43a64f5] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 AAA.c
create mode 100644 BBB.c
create mode 100644 CCC.c
create mode 100644 DDD.c
create mode 100644 EEE.c
C:\Users\welcome\Downloads\MyRepo>
```

10. Add all .java files into the staging area

```
C:\Users\welcome\Downloads\MyRepo>git add *.java
C:\Users\welcome\Downloads\MyRepo>_
```

11. verify the git status

```
C:\Users\welcome\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   vvv.java
        new file:   www.java
        new file:   xxx.java
        new file:   yyy.java
        new file:   zzz.java

C:\Users\welcome\Downloads\MyRepo>_
```

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

```
C:\Users\welcome\Downloads\MyRepo>git commit -m "Java Commit"
[master 2fc1f47] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 vvv.java
create mode 100644 www.java
create mode 100644 xxx.java
create mode 100644 yyy.java
create mode 100644 zzz.java

C:\Users\welcome\Downloads\MyRepo>
```

13. Delete all .java files from working area

```
C:\Users\welcome\Downloads\MyRepo>git rm *.java
rm 'vvv.java'
rm 'www.java'
rm 'xxx.java'
rm 'yyy.java'
rm 'zzz.java'
```

14. Now see the status

```
C:\Users\welcome\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:   vvv.java
        deleted:   www.java
        deleted:   xxx.java
        deleted:   yyy.java
        deleted:   zzz.java
```

15.add the changes into the staging area

```
C:\Users\welcome\Downloads\MyRepo>git add .
```

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

```
C:\Users\welcome\Downloads\MyRepo>git commit -m "Delete Java Commit"
[master 8f68509] Delete Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 vvv.java
 delete mode 100644 www.java
 delete mode 100644 xxx.java
 delete mode 100644 yyy.java
 delete mode 100644 zzz.java
```

17.display all commit details

```
C:\Users\welcome\Downloads\MyRepo>git log
commit 8f68509bbd3513978274090400087e4d84b4eed4 (HEAD -> master)
Author: DharaniChandrasekarn31 <c.v.dharanisri@gmail.com>
Date:   Fri Jul 12 10:22:59 2024 +0530

    Delete Java Commit

commit e7f7c6e671747f7a563ab207068e9ffe5c2618f4
Author: DharaniChandrasekarn31 <c.v.dharanisri@gmail.com>
Date:   Fri Jul 12 10:21:53 2024 +0530

    Java Commit

commit d7d6c37db225d146f3febaa2f81e51bc53b6d4d6
Author: DharaniChandrasekarn31 <c.v.dharanisri@gmail.com>
Date:   Fri Jul 12 10:20:55 2024 +0530

    C Commit

commit ff7253ed5ea70ade8c1b23565860d01de8e916fd
Author: DharaniChandrasekarn31 <c.v.dharanisri@gmail.com>
Date:   Fri Jul 12 10:20:24 2024 +0530

    TXT Commit
```