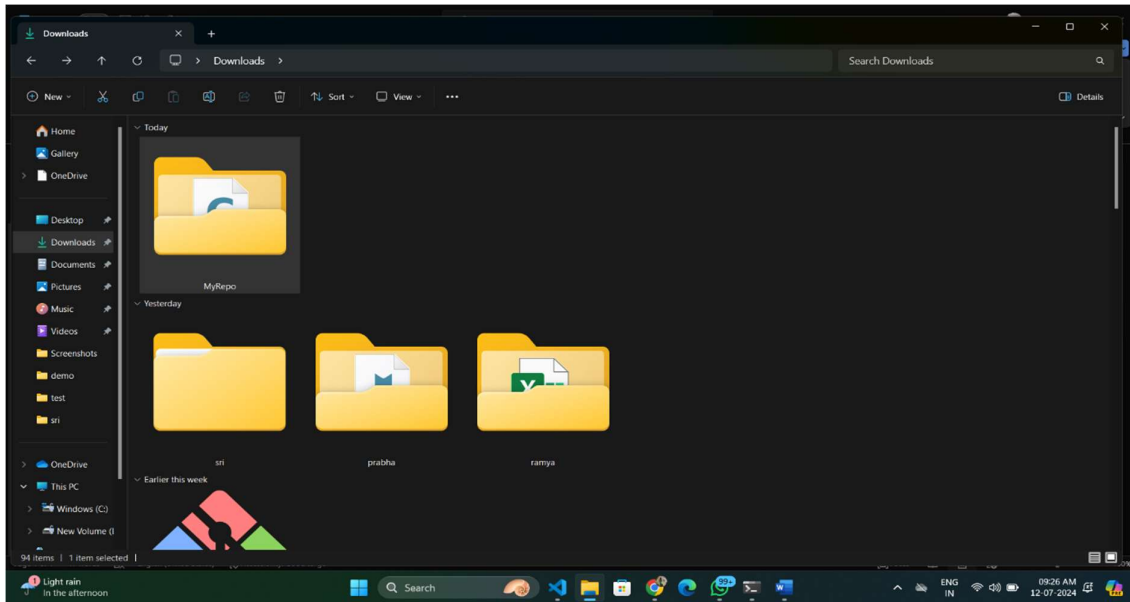


JAVA FULL STACK DEVELOPMENT

ASSIGNMENT – 1

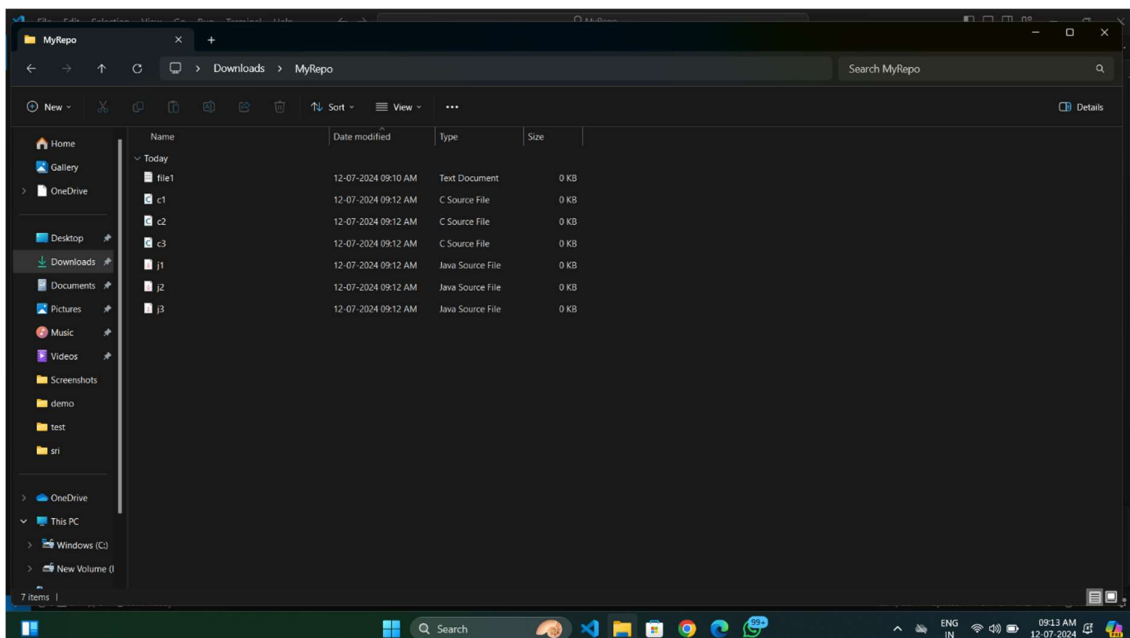
Question 1:

Create a local Git repo with the name "MyRepo".



Question 2:

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



Question 3:

Verify the git status.

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

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        c1.c
        c2.c
        c3.c
        file1.txt
        j1.java
        j2.java
        j3.java

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

Question 4:

Add only the .txt into the staging area.

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

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        c1.c
        c2.c
        c3.c
        file1.txt
        j1.java
        j2.java
        j3.java

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Ranya\Downloads\MyRepo>git add file1.txt
C:\Users\Ranya\Downloads\MyRepo>
```

Question 5:

Verify the git status.

```
Git CMD
x + v
Initialized empty Git repository in C:/Users/Ramya/Downloads/MyRepo/.git/
C:\Users\Ramya\Downloads\MyRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        c1.c
        c2.c
        c3.c
        file1.txt
        j1.java
        j2.java
        j3.java

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Ramya\Downloads\MyRepo>git add file1.txt
C:\Users\Ramya\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)
        c1.c
        c2.c
        c3.c
        j1.java
        j2.java
        j3.java

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

Question 6:

Make a commit with the name "TXT Commit".

```
Git CMD
x + v
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        c1.c
        c2.c
        c3.c
        file1.txt
        j1.java
        j2.java
        j3.java

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Ramya\Downloads\MyRepo>git add file1.txt
C:\Users\Ramya\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)
        c1.c
        c2.c
        c3.c
        j1.java
        j2.java
        j3.java

C:\Users\Ramya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt
```

Question 7:

Add all .c files into the staging area.

```
Git CMD
Untracked files:
(use "git add <file>..." to include in what will be committed)
c1.c
c2.c
c3.c
file1.txt
j1.java
j2.java
j3.java

nothing added to commit but untracked files present (use "git add" to track)
C:\Users\Ranya\Downloads\MyRepo>git add file1.txt
C:\Users\Ranya\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)
c1.c
c2.c
c3.c
j1.java
j2.java
j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

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

Question 8:

Verify the git status.

```
Git CMD
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)
c1.c
c2.c
c3.c
j1.java
j2.java
j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

C:\Users\Ranya\Downloads\MyRepo>git add *.c
C:\Users\Ranya\Downloads\MyRepo>git status
On branch master

Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file:   c1.c
new file:   c2.c
new file:   c3.c

Untracked files:
(use "git add <file>..." to include in what will be committed)
j1.java
j2.java
j3.java

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

Question 9:

Make a commit with the name "C Commit".

```
Git CMD
Untracked files:
(use "git add <file>..." to include in what will be committed)
c1.c
c2.c
c3.c
j1.java
j2.java
j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

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

C:\Users\Ranya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c1.c
        new file:   c2.c
        new file:   c3.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        j1.java
        j2.java
        j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "C Commit"
[master 207c486] C Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c1.c
create mode 100644 c2.c
create mode 100644 c3.c

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

Question 10:

Add all .java files into the staging area.

```
Git CMD
Untracked files:
(use "git add <file>..." to include in what will be committed)
c1.c
c2.c
c3.c
j1.java
j2.java
j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

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

C:\Users\Ranya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c1.c
        new file:   c2.c
        new file:   c3.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        j1.java
        j2.java
        j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "C Commit"
[master 207c486] C Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c1.c
create mode 100644 c2.c
create mode 100644 c3.c

C:\Users\Ranya\Downloads\MyRepo>git add *.java

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

Question 11:

Verify the git status.

```
Git CMD
C:\Users\Ramya\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 0874e6d] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

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

C:\Users\Ramya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c1.c
        new file:   c2.c
        new file:   c3.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        j1.java
        j2.java
        j3.java

C:\Users\Ramya\Downloads\MyRepo>git commit -m "C Commit"
[master 207c486] C Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c1.c
create mode 100644 c2.c
create mode 100644 c3.c

C:\Users\Ramya\Downloads\MyRepo>git add *.java

C:\Users\Ramya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   j1.java
        new file:   j2.java
        new file:   j3.java

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

Question 12:

Make a commit with the name "Java Commit".

```
Git CMD
C:\Users\Ramya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c1.c
        new file:   c2.c
        new file:   c3.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        j1.java
        j2.java
        j3.java

C:\Users\Ramya\Downloads\MyRepo>git commit -m "C Commit"
[master 207c486] C Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c1.c
create mode 100644 c2.c
create mode 100644 c3.c

C:\Users\Ramya\Downloads\MyRepo>git add *.java

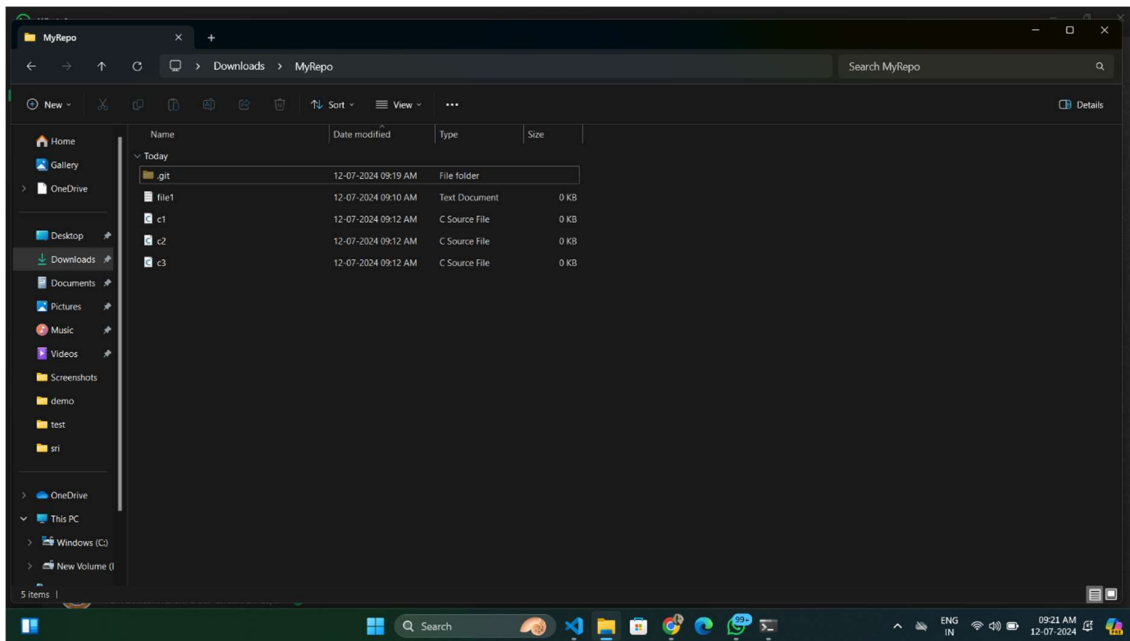
C:\Users\Ramya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   j1.java
        new file:   j2.java
        new file:   j3.java

C:\Users\Ramya\Downloads\MyRepo>git commit -m "Java Commit"
[master b1541b7] Java Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 j1.java
create mode 100644 j2.java
create mode 100644 j3.java

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

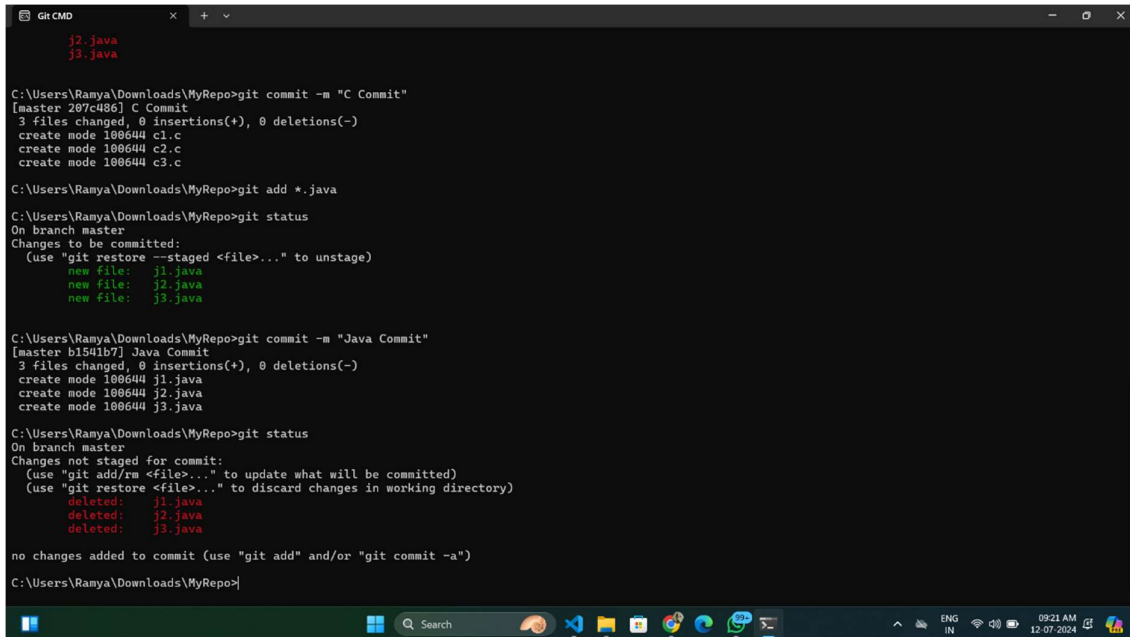
Question 13:

Delete all .java files from working area.



Question 14:

Verify the status.



Question 15:

Add the changes into the staging area.

```
Git CMD
create mode 100644 c3.c

C:\Users\Ranya\Downloads\MyRepo>git add *.java

C:\Users\Ranya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   j1.java
        new file:   j2.java
        new file:   j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "Java Commit"
[master b1541b7] Java Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 j1.java
create mode 100644 j2.java
create mode 100644 j3.java

C:\Users\Ranya\Downloads\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:    j1.java
        deleted:    j2.java
        deleted:    j3.java

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

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

Question 16:

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

```
Git CMD
create mode 100644 c3.c

C:\Users\Ranya\Downloads\MyRepo>git add *.java

C:\Users\Ranya\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   j1.java
        new file:   j2.java
        new file:   j3.java

C:\Users\Ranya\Downloads\MyRepo>git commit -m "Java Commit"
[master b1541b7] Java Commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 j1.java
create mode 100644 j2.java
create mode 100644 j3.java

C:\Users\Ranya\Downloads\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:    j1.java
        deleted:    j2.java
        deleted:    j3.java

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

C:\Users\Ranya\Downloads\MyRepo>git add .

C:\Users\Ranya\Downloads\MyRepo>git commit -m "Delete Java Commit"
[master aa0edc0] Delete Java Commit
3 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 j1.java
delete mode 100644 j2.java
delete mode 100644 j3.java

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


Question 17:

Display all commit.

```
deleted:    j1.java
deleted:    j2.java
deleted:    j3.java

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

C:\Users\Ranya\Downloads\MyRepo>git add .

C:\Users\Ranya\Downloads\MyRepo>git commit -m "Delete Java Commit"
[master aa8edc0] Delete Java Commit
3 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 j1.java
delete mode 100644 j2.java
delete mode 100644 j3.java

C:\Users\Ranya\Downloads\MyRepo>git log
commit aa8edc06f8e8091b7908c4285f18ecbce99dc360 (HEAD -> master)
Author: Ramyaprabhasri <ramyaprabhasriv@gmail.com>
Date:   Fri Jul 12 09:22:23 2024 +0530

    Delete Java Commit

commit b1541b7e7a53d0b8dffc9aaabddc7d5c13e1302e9
Author: Ramyaprabhasri <ramyaprabhasriv@gmail.com>
Date:   Fri Jul 12 09:19:22 2024 +0530

    Java Commit

commit 207c486699bell1ff160009e73c5cb28af7ee3d22
Author: Ramyaprabhasri <ramyaprabhasriv@gmail.com>
Date:   Fri Jul 12 09:17:53 2024 +0530

    C Commit

commit 0074c6dd1fae1626d100b0c42871c57e327f6b27
Author: Ramyaprabhasri <ramyaprabhasriv@gmail.com>
Date:   Fri Jul 12 09:16:11 2024 +0530

    TXT Commit

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

Name: Ramyaprabhasri V R

Reg No.: 73772114185

Department: Computer Science
and Engineering

Year / Sec: IV / B