

GIT LAB ASSIGNMENT-01

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BRANCH :B.E

DEPT :COMPUTER

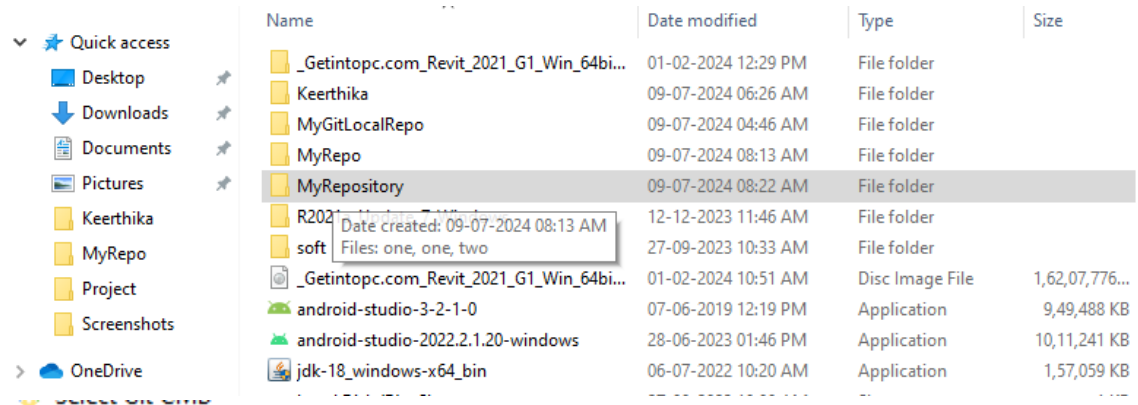
SCIENCE AND
ENGINEERING

COLLEGE NAME:KSRIET

YEAR :IV-YEAR

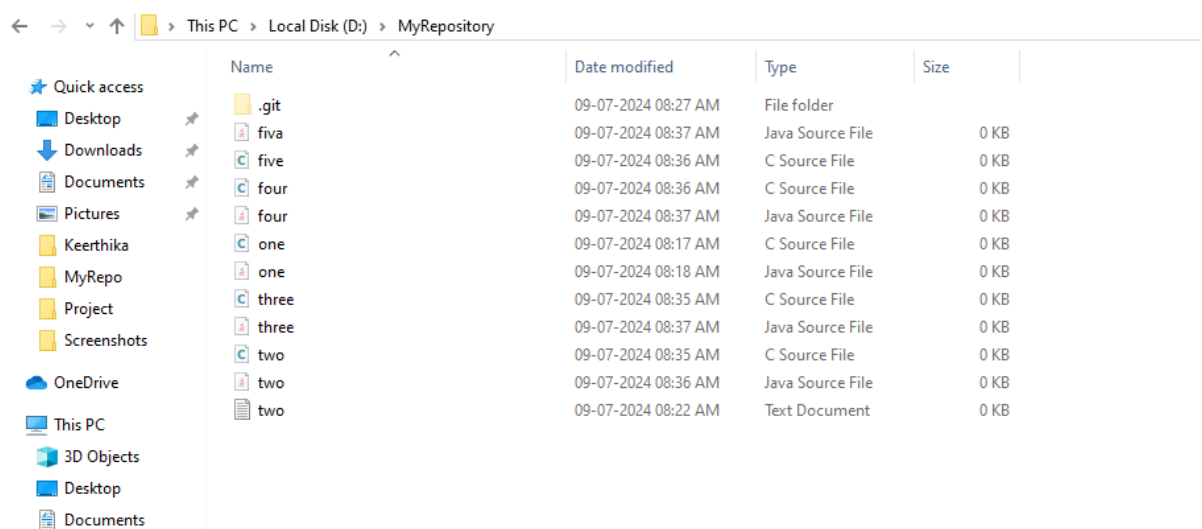
DATE :11.07.2024

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



```
C:\Users\home>d:
D:\>cd MyRepository
D:\MyRepository>git init
Initialized empty Git repository in D:/MyRepository/.git/
D:\MyRepository>
```

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



3. Verify the git status

```
D:\>cd MyRepository
D:\MyRepository>git init
Reinitialized existing Git repository in D:/MyRepository/.git/
D:\MyRepository>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        five.java
        five.c
        four.c
        four.java
        one.c
        one.java
        three.c
        three.java
        two.c
        two.java

D:\MyRepository>
```

4. Add only the .txt into the staging area

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

5. verify the git status

```
D:\MyRepository>git add *.txt
D:\MyRepository>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        fiva.java
        five.c
        four.c
        four.java
        one.c
        one.java
        three.c
        three.java
        two.c
        two.java

D:\MyRepository>_
```

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

```
D:\MyRepository>git add *.txt
D:\MyRepository>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        fiva.java
        five.c
        four.c
        four.java
        one.c
        one.java
        three.c
        three.java
        two.c
        two.java

D:\MyRepository>git commit -m"txt commit-1"
[master (root-commit) fca8f57] txt commit-1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 two.txt

D:\MyRepository>_
```

7. Add all .c files into the staging area

```
D:\MyRepository>git add *.c
D:\MyRepository>git status
On branch master
```

8.verify the git status

```
D:\MyRepository>git add *.c
D:\MyRepository>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   five.c
        new file:   four.c
        new file:   one.c
        new file:   three.c
        new file:   two.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        five.java
        four.java
        one.java
        three.java
        two.java

D:\MyRepository>
```

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

```
D:\MyRepository>git commit -m"c commit-2"
[master bfb5867] c commit-2
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 five.c
create mode 100644 four.c
create mode 100644 one.c
create mode 100644 three.c
create mode 100644 two.c
D:\MyRepository>
```

10 .Add all .java files into the staging area

```
\MyRepository>git add *.java
\MyRepository>git status
On branch master
Changes to be committed:
```

11. verify the git status

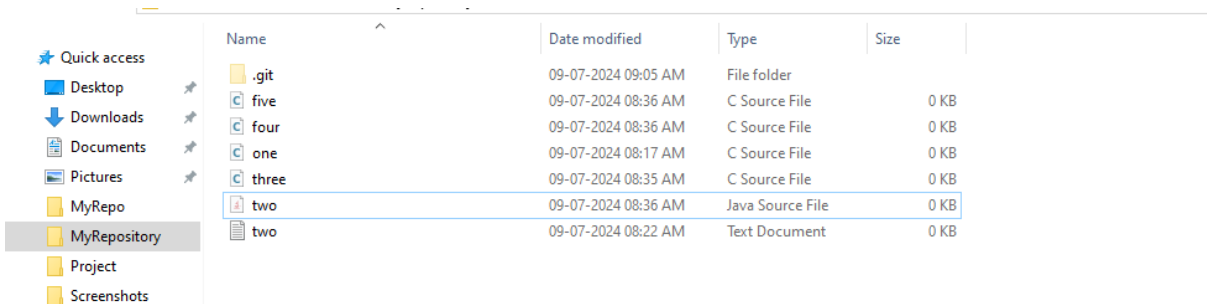
```
D:\MyRepository>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   fiva.java
    new file:   four.java
    new file:   one.java
    new file:   three.java
    new file:   two.java
D:\MyRepository>_
```

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

```
D:\MyRepository>git commit -m"java commit"
[master 7865d3c] java commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fiva.java
create mode 100644 four.java
create mode 100644 one.java
create mode 100644 three.java
create mode 100644 two.java

D:\MyRepository>_
```

13. Delete all .java files from working area



Name	Date modified	Type	Size
.git	09-07-2024 09:05 AM	File folder	
five	09-07-2024 08:36 AM	C Source File	0 KB
four	09-07-2024 08:36 AM	C Source File	0 KB
one	09-07-2024 08:17 AM	C Source File	0 KB
three	09-07-2024 08:35 AM	C Source File	0 KB
two	09-07-2024 08:36 AM	Java Source File	0 KB
two	09-07-2024 08:22 AM	Text Document	0 KB

14. Now see the status

```
D:\MyRepository>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:    fiva.java
    deleted:    four.java
    deleted:    one.java
    deleted:    three.java
    deleted:    two.c

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

15.add the changes into the staging area

```
add
D:\MyRepository>git add .
D:\MyRepository>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    fiva.java
        deleted:    four.java
        deleted:    one.java
        deleted:    three.java
        deleted:    two.c

D:\MyRepository>_
```

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

```
D:\MyRepository>git commit -m " delete java commit"
[master 019a1fa] delete java commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 fiva.java
delete mode 100644 four.java
delete mode 100644 one.java
delete mode 100644 three.java
delete mode 100644 two.c

D:\MyRepository>_
```

17. display all commit details


```
D:\MyRepository>git log
commit 019a1fa2676c0c78ccb1becd2213571fd5f4db00 (HEAD -> master)
Author: shobna <shobna016@gmail.com>
Date: Tue Jul 9 09:10:01 2024 +0530

    delete java commit

commit 7865d3c845d9c326c68353f92ba8693535146654
Author: shobna <shobna016@gmail.com>
Date: Tue Jul 9 09:01:27 2024 +0530

    java commit

commit bfb5867d502984dccc78d2541bf9c105b793310f
Author: shobna <shobna016@gmail.com>
Date: Tue Jul 9 08:54:48 2024 +0530

    c commit-2

commit fca8f57e16cec785d2625d028aae34277d88abca
Author: shobna <shobna016@gmail.com>
Date: Tue Jul 9 08:46:26 2024 +0530

    txt commit-1

D:\MyRepository>
```