

GIT LAB ASSIGNMENT → 01

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BRANCH : B.E

**DEPT : COMPUTER SCIENCE AND
ENGINEERING**

YEAR : IV - YEAR

COLLEGE : KSRIET

DATE : 11.07.2024

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

.metadata	21-06-2023 02:07 PM	File folder
_Getintopc.com_Revit_2021_G1_Win_64bi...	01-02-2024 12:29 PM	File folder
Angular	12-08-2023 01:45 PM	File folder
cse placement	19-06-2023 10:00 AM	File folder
FullStackDevelopment	11-07-2024 12:18 PM	File folder
GitRepo	11-07-2024 02:52 PM	File folder
gits	11-07-2024 10:25 AM	File folder
kvs	15-12-2023 12:33 PM	File folder
MyGitLocalRepo	11-07-2024 10:19 AM	File folder
Myrepo	11-07-2024 02:48 PM	File folder
MyRepository	11-07-2024 02:52 PM	File folder
Placement CSE	21-06-2023 02:09 PM	File folder
PlacementECE	28-07-2023 11:20 AM	File folder
programs	28-07-2023 11:36 AM	File folder

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

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

.git	11-07-2024 02:57 PM	File folder	
eight	11-07-2024 02:49 PM	JAVA File	1 KB
eleven	11-07-2024 02:30 PM	Text Document	0 KB
five	11-07-2024 02:45 PM	C Source File	0 KB
four	11-07-2024 02:45 PM	C Source File	0 KB
nine	11-07-2024 02:49 PM	JAVA File	1 KB
one	11-07-2024 02:28 PM	C Source File	0 KB
seven	11-07-2024 02:49 PM	JAVA File	1 KB
six	11-07-2024 02:47 PM	JAVA File	1 KB
ten	11-07-2024 02:49 PM	JAVA File	1 KB
three	11-07-2024 02:45 PM	C Source File	0 KB
two	11-07-2024 02:45 PM	C Source File	0 KB

3. Verify the git status

```
D:\GitRepo>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      eight.java
      eleven.txt
      five.c
      four.c
      nine.java
      one.c
      seven.java
      six.java
      ten.java
      three.c
      two.c

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

4. Add only the .txt into the staging area

```
D:\GitRepo>git add eleven.txt

D:\GitRepo>git status
On branch master

No commits yet

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

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

5. Verify the git status

```
D:\MyRepository>git status
On branch master

No commits yet

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

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

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:   three.txt.txt

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

D:\MyRepository>_
```

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

```
two.c

D:\GitRepo>git commit -m "TXT Commit"
[master (root-commit) 9d6f964] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 eleven.txt

D:\GitRepo>git add *.c
git: 'add*.c' is not a git command. See 'git --help'.

D:\GitRepo>git add *.c

D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
```

7. Add all .c files into the staging area

```
D:\GitRepo>git add *.c
git: 'add*.c' is not a git command. See 'git --help'.

D:\GitRepo>git add *.c

D:\GitRepo>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
```

8. Verify the git status

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

D:\GitRepo>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)
    eight.java
    nine.java
    seven.java
    six.java
    ten.java

D:\GitRepo>git commit -m "C Commit"
```

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

```
ten.java

D:\GitRepo>git commit -m "C Commit"
[master 1ea02e3] C Commit
 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
```

10. Add all .java files into the staging area

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

D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   eight.java
        new file:   nine.java
        new file:   seven.java
        new file:   six.java
        new file:   ten.java
```

11. Verify the git status

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

D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   eight.java
        new file:   nine.java
        new file:   seven.java
        new file:   six.java
        new file:   ten.java








D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   eight.java
        new file:   nine.java
        new file:   seven.java
        new file:   six.java
        new file:   ten.java
```

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

```
D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   eight.java
        new file:   nine.java
        new file:   seven.java
        new file:   six.java
        new file:   ten.java

D:\GitRepo>git commit -m "Java Commit"
[master d5120a5] Java Commit
5 files changed, 15 insertions(+)
create mode 100644 eight.java
create mode 100644 nine.java
create mode 100644 seven.java
create mode 100644 six.java
create mode 100644 ten.java
```

13. Delete all .java files from working area

 .git	11-07-2024 02:57 PM	File folder	
 eleven	11-07-2024 02:30 PM	Text Document	0 KB
 five	11-07-2024 02:45 PM	C Source File	0 KB
 four	11-07-2024 02:45 PM	C Source File	0 KB
 one	11-07-2024 02:28 PM	C Source File	0 KB
 three	11-07-2024 02:45 PM	C Source File	0 KB
 two	11-07-2024 02:45 PM	C Source File	0 KB

14. Now see the status

```
D:\GitRepo>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:    eight.java
        deleted:    nine.java
        deleted:    seven.java
        deleted:    six.java
        deleted:    ten.java

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

15. Add the changes into the staging area

```
D:\GitRepo>git add .
D:\GitRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    eight.java
        deleted:    nine.java
        deleted:    seven.java
        deleted:    six.java
        deleted:    ten.java

D:\GitRepo>_
```

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

```
D:\GitRepo>git commit -m "Delete Java Commit"
[master ee94f45] Delete Java Commit
5 files changed, 15 deletions(-)
delete mode 100644 eight.java
delete mode 100644 nine.java
delete mode 100644 seven.java
delete mode 100644 six.java
delete mode 100644 ten.java

D:\GitRepo>
```

17. Display all commit details

```
D:\GitRepo>git log
commit ee94f45cf07f1af632bde52514b9fda1b3b7c611 (HEAD -> master)
Author: ShobnaSamukthaRaj <samukthasamuktha2@gmail.com>
Date: Thu Jul 11 15:13:57 2024 +0530

    Delete Java Commit

commit d5120a5cb87e58e37470583ff744856b69d1f01d
Author: ShobnaSamukthaRaj <samukthasamuktha2@gmail.com>
Date: Thu Jul 11 14:57:02 2024 +0530

    Java Commit

commit 1ea02e339f796099c6a4d2f1769e3872c64f292e
Author: ShobnaSamukthaRaj <samukthasamuktha2@gmail.com>
Date: Thu Jul 11 14:56:03 2024 +0530

    C Commit

commit 9d6f964690c2882eaf510665ee03178b21a1ec82
Author: ShobnaSamukthaRaj <samukthasamuktha2@gmail.com>
Date: Thu Jul 11 14:53:50 2024 +0530

    TXT Commit

D:\GitRepo>
```