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GIT LAB-ASSIGNMENT-1

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

PC > Local Disk (D:)

Name	Date modified	Type	Size
_Getintopc.com_Revit_2021_G1_Win_64bi...	01-02-2024 12:28 PM	File folder	
Explore5	11-07-2024 02:59 PM	File folder	
MyRepo	11-07-2024 03:09 PM	File folder	
New folder (2)	11-07-2024 03:07 PM	File folder	

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

Name	Date modified	Type	Size
.git	11-07-2024 03:22 PM	File folder	
c1.c	11-07-2024 03:12 PM	C Source	0 KB
c2.c	11-07-2024 03:12 PM	C Source	0 KB
c3.c	11-07-2024 03:12 PM	C Source	0 KB
c4.c	11-07-2024 03:12 PM	C Source	0 KB
c5.c	11-07-2024 03:12 PM	C Source	0 KB
one	11-07-2024 03:11 PM	Text Document	0 KB

3. Verify the git status

```
D:\MyRepo\MyGitLocalRepo>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
        c4.c
        c5.c
        five1.java
        five2.java
        five3.java
        five4.java
        five5.java
        one.txt

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

4. Add only the .txt into the staging area

```
D:\MyRepo\MyGitLocalRepo>git add one.txt
```

5. verify the git status

```
D:\MyRepo\MyGitLocalRepo>git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        c1.c
        c2.c
        c3.c
        c4.c
        c5.c
        five1.java
        five2.java
        five3.java
        five4.java
        five5.java
```

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

```
D:\MyRepo\MyGitLocalRepo>git commit -m "TXT Commit"
[master (root-commit) a5a9b30] TXT Commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 one.txt
```

7. Add all .c files into the staging area

```

D:\MyRepo\MyGitLocalRepo>git add *c

D:\MyRepo\MyGitLocalRepo>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
        new file:   c4.c
        new file:   c5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        five1.java
        five2.java
        five3.java
        five4.java
        five5.java

```

8. verify the git status

```

D:\MyRepo\MyGitLocalRepo>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
        new file:   c4.c
        new file:   c5.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        five1.java
        five2.java
        five3.java
        five4.java
        five5.java

```

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

```

D:\MyRepo\MyGitLocalRepo>git commit -m "C Commit"
[master f12858e] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c1.c
create mode 100644 c2.c
create mode 100644 c3.c
create mode 100644 c4.c
create mode 100644 c5.c

```

10 .Add all .java files into the staging area

```

D:\MyRepo\MyGitLocalRepo>git add *java
D:\MyRepo\MyGitLocalRepo>git status

```

11. verify the git status

```
D:\MyRepo\MyGitLocalRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   five1.java
        new file:   five2.java
        new file:   five3.java
        new file:   five4.java
        new file:   five5.java
```

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

```
D:\MyRepo\MyGitLocalRepo>git commit -m "Java Commit"
[master 0d944e4] Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 five1.java
 create mode 100644 five2.java
 create mode 100644 five3.java
 create mode 100644 five4.java
 create mode 100644 five5.java
```

13. Delete all .java files from working area

name	date modified	type	size
.git	11-07-2024 03:22 PM	File folder	
c1.c	11-07-2024 03:12 PM	C Source	0 KB
c2.c	11-07-2024 03:12 PM	C Source	0 KB
c3.c	11-07-2024 03:12 PM	C Source	0 KB
c4.c	11-07-2024 03:12 PM	C Source	0 KB
c5.c	11-07-2024 03:12 PM	C Source	0 KB
one	11-07-2024 03:11 PM	Text Document	0 KB

14. Now see the status

```
D:\MyRepo\MyGitLocalRepo>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:   five1.java
        deleted:   five2.java
        deleted:   five3.java
        deleted:   five4.java
        deleted:   five5.java

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

15. add the changes into the staging area

```
D:\MyRepo\MyGitLocalRepo>git add .
```

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

```
D:\MyRepo\MyGitLocalRepo>git commit -m "Delete Java commit"
[master 1596cef] Delete Java commit
5 files changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 five1.java
delete mode 100644 five2.java
delete mode 100644 five3.java
delete mode 100644 five4.java
delete mode 100644 five5.java
```

17. display all commit details

```
D:\MyRepo\MyGitLocalRepo>git log
commit 1596cef7d1f73273cdd849bfcbd7a8e84091b4de (HEAD -> master)
author: pooja <poojashanmugam05@gmail.com>
date: Thu Jul 11 15:18:50 2024 +0530

    Delete Java commit

commit 0d944e4db4927883e5ed87209f075f0fe869777d
author: pooja <poojashanmugam05@gmail.com>
date: Thu Jul 11 15:15:58 2024 +0530

    Java Commit

commit f12858e25623c207f427cdd560b342343edeb3aa
author: pooja <poojashanmugam05@gmail.com>
date: Thu Jul 11 15:15:14 2024 +0530

    C Commit

commit a5a9b30e1c8fbd20158d582a0bc5a35925a9820b
author: pooja <poojashanmugam05@gmail.com>
date: Thu Jul 11 15:14:21 2024 +0530

    TXT Commit
```