

NAME : HARISHA A

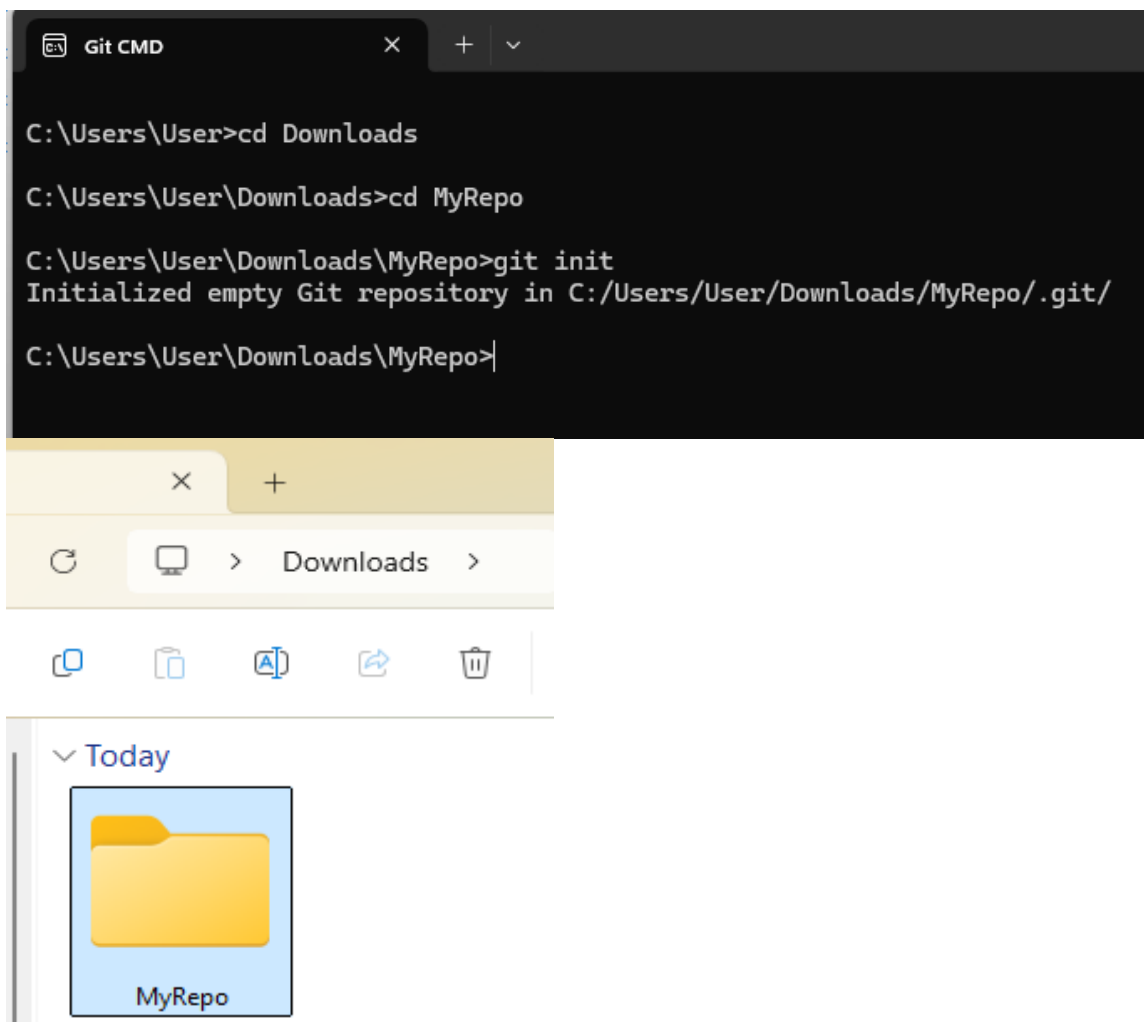
BRANCH : B.TECH INFORMATION TECHNOLOGY

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GIT Basic Commands

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



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

<div> <div> <div>🔄</div> <div>🖨️</div> <div>></div> <div>Downloads</div> <div>></div> <div>MyRepo</div> <div>Search MyRepo 🔍</div> </div> </div>				
<div> <div>📁</div> <div>📄</div> <div>📄</div> <div>🔗</div> <div>🗑️</div> <div>↕️ Sort ▾</div> <div>☰ View ▾</div> <div>⋮</div> <div>📖 Details</div> </div>				
Name	Date modified	Type	Size	
<div> <div>⌵</div> <div>Today</div> </div>				
📄 File7	12-07-2024 09:27 AM	Java Source File	0 KB	
📄 File8	12-07-2024 09:27 AM	Java Source File	0 KB	
📄 File9	12-07-2024 09:27 AM	Java Source File	0 KB	
📄 File10	12-07-2024 09:27 AM	Java Source File	0 KB	
📄 File11	12-07-2024 09:27 AM	Java Source File	0 KB	
📄 File2.c	12-07-2024 09:25 AM	C File	0 KB	
📄 File3.c	12-07-2024 09:25 AM	C File	0 KB	
📄 File4.c	12-07-2024 09:25 AM	C File	0 KB	
📄 File5.c	12-07-2024 09:25 AM	C File	0 KB	
📄 File6.c	12-07-2024 09:25 AM	C File	0 KB	
📄 File1	12-07-2024 09:22 AM	Text Document	0 KB	
📁 .git	12-07-2024 09:22 AM	File folder		

3. Verify the git status.

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

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    File1.txt
    File10.java
    File11.java
    File2.c
    File3.c
    File4.c
    File5.c
    File6.c
    File7.java
    File8.java
    File9.java

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

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

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

5. Verify the git status.

```
C:\Users\User\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)
        File10.java
        File11.java
        File2.c
        File3.c
        File4.c
        File5.c
        File6.c
        File7.java
        File8.java
        File9.java
```

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

```
C:\Users\User\Downloads\MyRepo>git commit -m "TXT Commit"
[master (root-commit) 2025423] TXT Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 File1.txt
```

7. Add all .c files into the staging area.

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

8. Verify the git status.

```
C:\Users\User\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   File2.c
    new file:   File3.c
    new file:   File4.c
    new file:   File5.c
    new file:   File6.c

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    File10.java
    File11.java
    File7.java
    File8.java
    File9.java
```

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

```
C:\Users\User\Downloads\MyRepo>git commit -m "C Commit"
[master 15f2a66] C Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 File2.c
create mode 100644 File3.c
create mode 100644 File4.c
create mode 100644 File5.c
create mode 100644 File6.c
```

10 .Add all .java files into the staging area.

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

11. Verify the git status.

```
C:\Users\User\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   File10.java
        new file:   File11.java
        new file:   File7.java
        new file:   File8.java
        new file:   File9.java
```

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

```
C:\Users\User\Downloads\MyRepo>git commit -m "Java Commit"
[master c83f0e9] Java Commit
5 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 File10.java
create mode 100644 File11.java
create mode 100644 File7.java
create mode 100644 File8.java
create mode 100644 File9.java
```

13. Delete all .java files from working area.

```
C:\Users\User\Downloads\MyRepo>git rm *.java
rm 'File10.java'
rm 'File11.java'
rm 'File7.java'
rm 'File8.java'
rm 'File9.java'
```

14. Now see the status.

```
C:\Users\User\Downloads\MyRepo>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    File10.java
        deleted:    File11.java
        deleted:    File7.java
        deleted:    File8.java
        deleted:    File9.java
```

15. Add the changes into the staging area.

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

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

```
C:\Users\User\Downloads\MyRepo>git commit -m "Delete Java Commit"
[master 9aa76c6] Delete Java Commit
 5 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 File10.java
 delete mode 100644 File11.java
 delete mode 100644 File7.java
 delete mode 100644 File8.java
 delete mode 100644 File9.java
```

17. Display all commit details.

```
C:\Users\User\Downloads\MyRepo>git log
commit 9aa76c6b94157a0f8993ab18edcf68a447208d3b (HEAD -> master)
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Fri Jul 12 10:19:05 2024 +0530
```

Delete Java Commit

```
commit 9543ffa20c97827ca43d777a4aca2d28959be760
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Fri Jul 12 10:17:10 2024 +0530
```

Java Commit

```
commit a7a90a4027e8f00ae336c7db1a556cf05ae83c
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Fri Jul 12 10:16:31 2024 +0530
```

C Commit

```
commit ef48a0d7867a462297d966593aeda6e8fdc9ec67
Author: Harisha-08 <harshachitra0814@gmail.com>
Date: Fri Jul 12 10:15:40 2024 +0530
```

TXT Commit