

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git branch
```

```
Branch1
```

```
Branch2
```

```
* Branch3
```

```
master
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git checkout Branch2
```

```
Switched to branch 'Branch2'
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ gedit AnkithaAnujProgram2
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git add AnkithaAnujProgram2
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git commit -m "changes made in PRGM2 in Branch2"
```

```
[Branch2 2ed268d] changes made in PRGM2 in Branch2
```

```
1 file changed, 2 insertions(+)
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git status
```

```
On branch Branch2
```

```
nothing to commit, working tree clean
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git mv AnkithaAnujProgram2 ankithaanujprogram2
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git status
```

```
On branch Branch2
```

```
Changes to be committed:
```

```
(use "git restore --staged <file>..." to unstage)
```

```
renamed: AnkithaAnujProgram2 -> ankithaanujprogram2
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git commit -m "Renamed the file"
```

```
[Branch2 35678c5] Renamed the file
```

```
1 file changed, 0 insertions(+), 0 deletions(-)
```

```
rename AnkithaAnujProgram2 => ankithaanujprogram2 (100%)
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git checkout master
```

```
Switched to branch 'master'
```

```
Your branch is up to date with 'origin/master'.
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git merge Branch2
```

```
Merge made by the 'recursive' strategy.
```

```
AnkithaAnujProgram2 => ankithaanujprogram2 | 4 ++++
```

```
1 file changed, 4 insertions(+)
```

```
rename AnkithaAnujProgram2 => ankithaanujprogram2 (54%)
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git status
```

```
On branch master
```

```
Your branch is ahead of 'origin/master' by 4 commits.
```

```
(use "git push" to publish your local commits)
```

```
nothing to commit, working tree clean
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git push
```

```
Username for 'https://github.com': Ankitha321
```

```
Password for 'https://Ankitha321@github.com':
```

```
Enumerating objects: 14, done.
```

```
Counting objects: 100% (13/13), done.
```

```
Delta compression using up to 8 threads
```

```
Compressing objects: 100% (10/10), done.
```

```
Writing objects: 100% (10/10), 1.09 KiB | 1.09 MiB/s, done.
```

```
Total 10 (delta 5), reused 0 (delta 0)
```

```
remote: Resolving deltas: 100% (5/5), completed with 1 local object.
```

```
To https://github.com/Ankitha321/DevOps.git
```

```
b140f20..8379462 master -> master
```

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$
```



```
1 Hello This the Second FILE (Program 2 )
2 This is the first change in Branch1
3 This the second change in Branch1
4 This the first change in Branch2
5
6 New changes after shifting to branch2 after fixing the bug file
7
8 Programmer A making changes in this file in Branch 2
```

I