

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

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx: ~/hackathon$ git branch Branch3
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx: ~/hackathon$ git checkout Branch3
Switched to branch 'Branch3'
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx: ~/hackathon$ gedit AnkithaAnujProgram1
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx: ~/hackathon$ git status
```

On branch Branch3

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: AnkithaAnujProgram1

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

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

warning: unable to rmdir 'DevOps': Directory not empty

M AnkithaAnujProgram1

Switched to branch 'master'

Your branch is up to date with 'AnkithaAnujProgram1/master'.

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ gedit AnkithaAnujProgram1
```

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

On branch master

Your branch is up to date with 'AnkithaAnujProgram1/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: AnkithaAnujProgram1

Untracked files:

(use "git add <file>..." to include in what will be committed)

DevOps/

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

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git merge Branch3
```

Updating f5e535c..5daafa6

Fast-forward

.gitmodules | 3 +++

AnkithaAnujProgram2 | 3 +++

DevOps | 1 +

3 files changed, 7 insertions(+)

create mode 100644 .gitmodules

create mode 100000 DevOps

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon$ git commit -m "merged the branch3 in main branch"
```

On branch master

Your branch is ahead of 'AnkithaAnujProgram1/master' by 2 commits.

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

Untracked files:

(use "git add <file>..." to include in what will be committed)

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

ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx: ~/hackathon\$ git merge Branch3

Updating f5e535c..5daafa6

Fast-forward

.gitmodules | 3 +++

AnkithaAnujProgram2 | 3 +++

DevOps | 1 +

3 files changed, 7 insertions(+)

create mode 100644 .gitmodules

create mode 160000 DevOps

ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon\$ git commit -m "merged the branch3 in main branch"

On branch master

Your branch is ahead of 'AnkithaAnujProgram1/master' by 2 commits.

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

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: AnkithaAnujProgram1

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

ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon\$ git add AnkithaAnujProgram1

ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~/hackathon\$ git commit -m "merging the branch"

[master b140f20] merging the branch

1 file changed, 2 insertions(+)

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



1 Hello , This is the first file (program1)

2 Changes made in Branch3




```
1 Hello This the Second FILE (Program 2 )  
2 This is the first change in Branch1
```



```
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
```