

### **1. Create two branches**

```
git branch b1
```

```
git branch b2
```

### **2. Checkout to branch b1**

```
git checkout b1
```

### **3. Edit and save the fourth.txt file**

add content 1 2 3 4 and save

### **4. Stage the file**

```
git add fourth.txt
```

### **5. Commit the file**

```
git commit -m "content added in fourth file in b1"
```

### **6. Checkout to branch b2**

```
git checkout b2
```

### **7. Edit and save the fourth.txt file**

add content 11 12 13 14 and save

### **8. Stage the file**

```
git add fourth.txt
```

### **9. Commit the file**

```
git commit -m "content added in fourth file in b2"
```

### **10. merge the branch b1 in branch b2 (current branch)**

```
git merge b1
```

### **11. Conflict occurred**

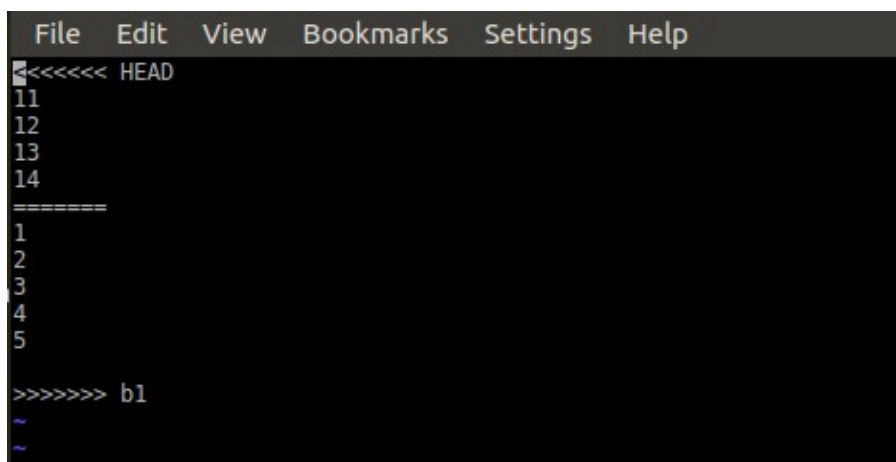
edit fourth.txt file and save with the appropriate content

### **12. Stage and commit the updated file**

```
git add fourth.txt
```

git commit -m "Fourth file is updated with appropriate content"

```
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git checkout b1
Switched to branch 'b1'
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ vi fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git add fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git commit -m "content added in fourth file"
[b1 5a12922] content added in fourth file
1 file changed, 6 insertions(+)
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git checkout b2
Switched to branch 'b2'
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ ls
fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ vi fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ vi fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git add fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git commit -m "content added in fourth file in b2"
[b2 a157945] content added in fourth file in b2
1 file changed, 4 insertions(+)
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git merge b
b1 b2
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git merge b1
Auto-merging fourth.txt
CONFLICT (content): Merge conflict in fourth.txt
Automatic merge failed; fix conflicts and then commit the result.
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ vi fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ █
```



```
File Edit View Bookmarks Settings Help
<<<<<< HEAD
11
12
13
14
=====
1
2
3
4
5
>>>>>> b1
~
~
```

```
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git add fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git status
On branch b2
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

Changes to be committed:
  modified:   fourth.txt

yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git commit -m "added appropriate content in fourth.txt"
[b2 9ea49f4] added appropriate content in fourth.txt
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git sta
git: 'sta' is not a git command. See 'git --help'.

Did you mean one of these?
    status
    stage
    stash
yahweh@yahweh-Inspiron-3268:~/learn_git_again$ git status
On branch b2
nothing to commit, working directory clean
```