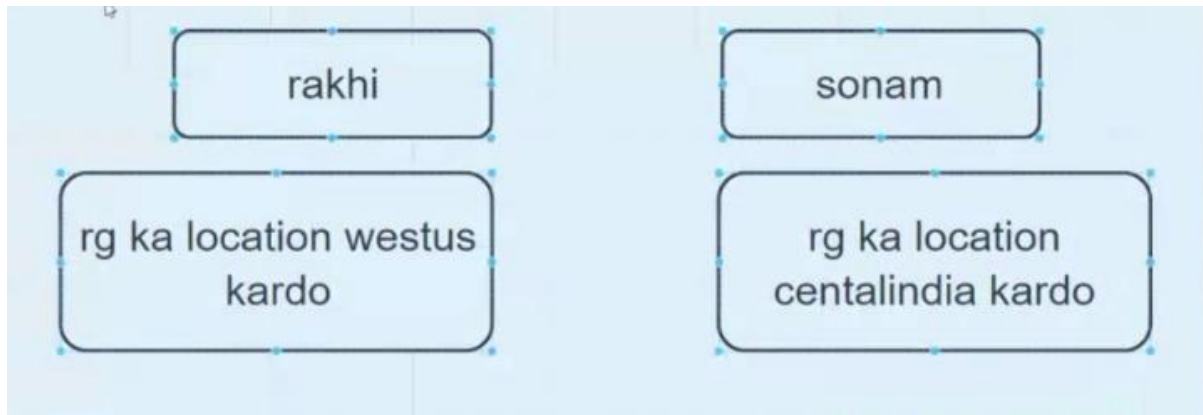


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AGENDA -



git checkout -b <branchname> = git branch <branchname> + git checkout <branchname>

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AGENDA – sonam created her branch and changed location to “centralindia”

2) Let us split the terminal

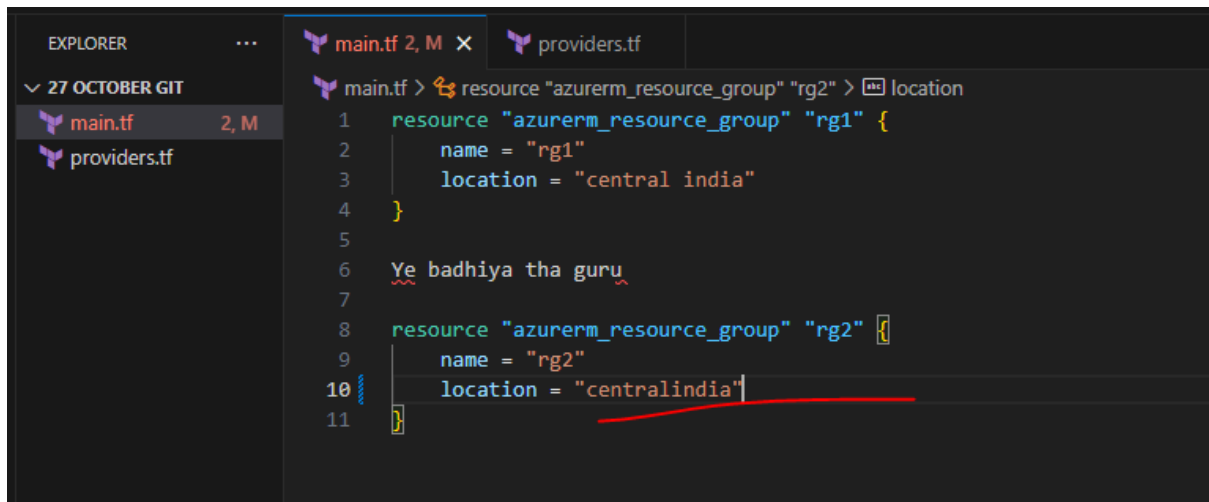
git checkout -b sonam = created and switched to a sonam branch

```
PS C:\27 October Git> git branch
ashishtest
gauravtest
* master
rakhisawant
PS C:\27 October Git> git checkout -b sonam
Switched to a new branch 'sonam'
PS C:\27 October Git>
```

git branch

```
PS C:\27 October Git> git branch
ashishtest
gauravtest
master
rakhisawant
* sonam
PS C:\27 October Git>
```

3) Now sonam changed rg location to “central india”

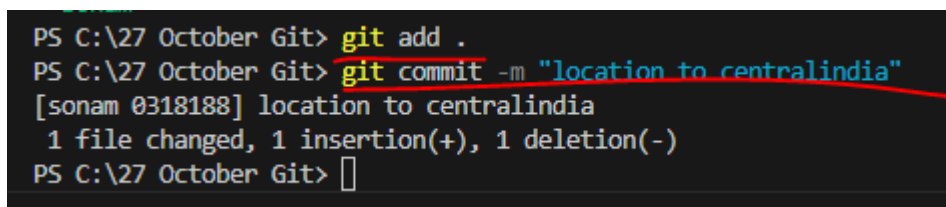


```
main.tf 2, M x providers.tf
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main.tf 2, M
providers.tf

main.tf > resource "azurerm_resource_group" "rg2" > location
1 resource "azurerm_resource_group" "rg1" {
2   name = "rg1"
3   location = "central india"
4 }
5
6 Ye badhiya tha guru
7
8 resource "azurerm_resource_group" "rg2" {
9   name = "rg2"
10  location = "centralindia"
11 }
```

4) **git add .**

git commit -m "location to centralindia"



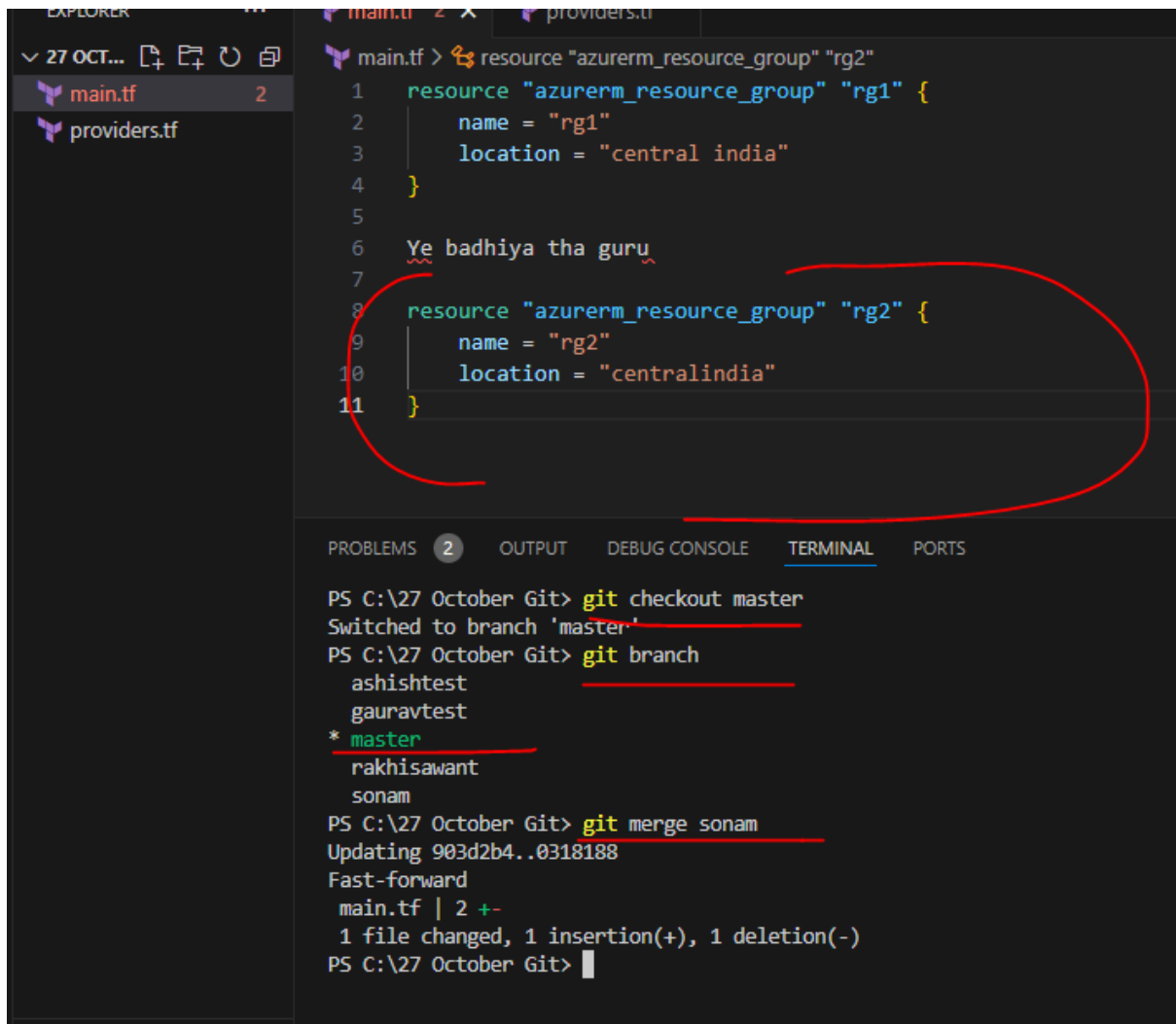
```
PS C:\27 October Git> git add .
PS C:\27 October Git> git commit -m "location to centralindia"
[sonam 0318188] location to centralindia
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\27 October Git>
```

5) Now sonam merge her code into master branch. So we will go to master branch as we have to merge into master branch only

6) **git branch**

Git checkout master

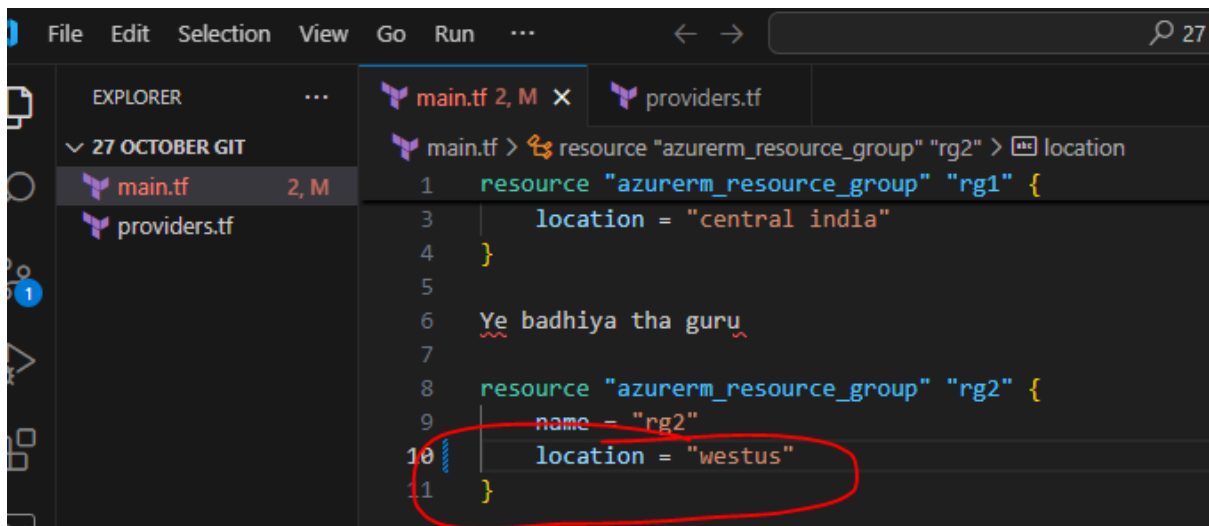
git merge sonam



+++++

AGENDA – rakhi changed location to “westus”

- 1) **git checkout rakhisawant** – go to rakhisawant branch
- 2) Now change rg location to west us



3) **git add .**

git commit -m "westus kiya"

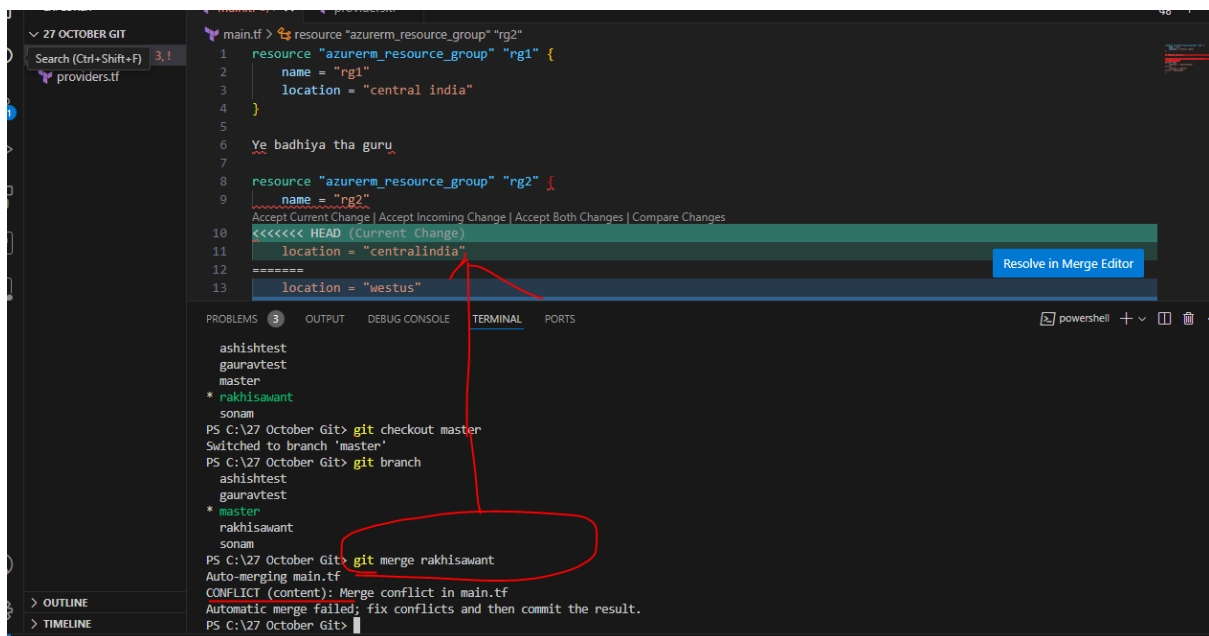
```
PS C:\27 October Git> git add .
PS C:\27 October Git> git commit -m "westus kiya"
[rakhisawant dcea17d] westus kiya
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\27 October Git>
```

4) Now rakhi will go to master branch to merge her code

git checkout master

```
PS C:\27 October Git> git checkout master
Switched to branch 'master'
PS C:\27 October Git> git branch
ashishtest
```

5) **git merge rakhisawant** – now conflict came



6)

Jab bhi conflict aata hai toh merge process pause ho jata hai.... aur git apne ko bolta hai ki khud se fix karke merge complete karo....

7) Now open main.tf file in notepad file. Extra things in it are markers

```

main - Notepad
File Edit Format View Help
resource "azurerm_resource_group" "rg1" {
  name = "rg1"
  location = "central india"
}

resource "azurerm_resource_group" "rg2" {
  name = "rg2"
  <<<<<<< HEAD
  location = "central india"
  =====
  location = "west us"
>>>>>>> rakhi
}

```

8) So edit as below

```

main - Notepad
File Edit Format View Help
resource "azurerm_resource_group" "rg1" {
  name = "rg1"
  location = "central india"
}

resource "azurerm_resource_group" "rg2" {
  name = "rg2"
  location = "west us"
}

```

9) **git status** – will show that there is an unmerged path

```

PS C:\27 Octo Git> git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   main.tf

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\27 Octo Git> git add

```

10) **git add .\main.tf**

git status

```
PS C:\27 Octo Git> git add .\main.tf
PS C:\27 Octo Git> git status
On branch master
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

Changes to be committed:
  modified:   main.tf

PS C:\27 Octo Git>
```

11) **git commit -m "fixed conflicts"**

```
PS C:\27 Octo Git> git commit -m "fixed status"
[master 81dfe21] fixed status
PS C:\27 Octo Git>
```

12)

```
111 | source "azurerm_resource_group" "rakhikadance"
     | name = "rakhikadance"
     | Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
     | <----- HEAD (Current Change)
     | location = "eastus"
     | =====
     | location = "india"
     | >>>>>> sonam-branch (Incoming Change)
     | }
```

13) **git add .\main.tf**

git status

```
Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   main.tf

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group> git add .\main.tf
PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group> git status
On branch master
All conflicts fixed but you are still merging.
(use "git commit" to conclude merge)

PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group>
```

14) **git commit -m "fixed conflicts"**

```
PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group> git commit -m "fixed conflicts"
[master 5ba918c] fixed conflicts
PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group> git status
git: 'status' is not a git command. See 'git --help'.

The most similar command is
  status

PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\Git\Resource_group> git status
```

+++++

