

## ASP.NET Core 8.0 GIT - LAB 3 - git merging

Creating , initializing and updating the git branch :

```
souptik@3201Lappu: ~/tempGit$ cd git_branchingHandson/
souptik@3201Lappu:~/tempGit/git_branchingHandson$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/souptik/tempGit/git_branchingHandson/.git/
souptik@3201Lappu:~/tempGit/git_branchingHandson$ git branch
```

Created new branch , listing all the branches :

```
souptik@3201Lappu:~/tempGit/git_branch$ git branch
* master
temp
souptik@3201Lappu:~/tempGit/git_branch$ |
```

Added the new file in the temp branch after changing the branch : edit in the temp branch

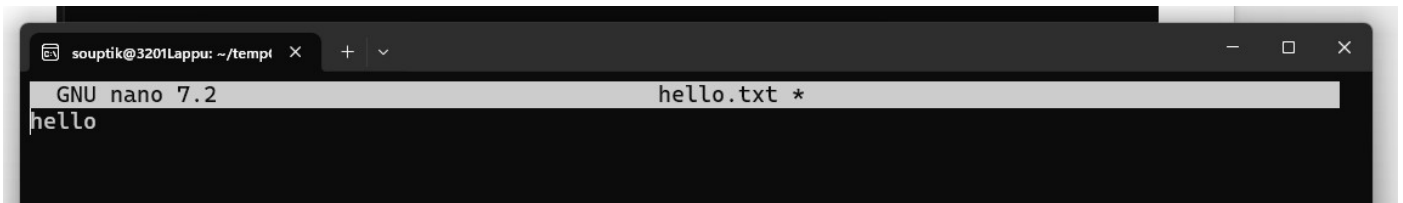
```
souptik@3201Lappu:~/tempGit/git_branch$ git branch
* master
temp
souptik@3201Lappu:~/tempGit/git_branch$ git checkout temp
Switched to branch 'temp'
souptik@3201Lappu:~/tempGit/git_branch$ ls
hello.txt
souptik@3201Lappu:~/tempGit/git_branch$ echo "added new in the temp branch" > hello.txt
souptik@3201Lappu:~/tempGit/git_branch$ nano hello.txt
souptik@3201Lappu:~/tempGit/git_branch$ |
```

Commit in the temp branch and add the commit , then switch back to the master branch :

```
souptik@3201Lappu:~/tempGit/git_branch$ git add .
souptik@3201Lappu:~/tempGit/git_branch$ git commit -m "added in the temp file"
[temp 46984f4] added in the temp file
1 file changed, 1 insertion(+), 1 deletion(-)
souptik@3201Lappu:~/tempGit/git_branch$ git checkout main
error: pathspec 'main' did not match any file(s) known to git
souptik@3201Lappu:~/tempGit/git_branch$ git checkout master
Switched to branch 'master'
souptik@3201Lappu:~/tempGit/git_branch$ nano hello.txt
souptik@3201Lappu:~/tempGit/git_branch$ |
```

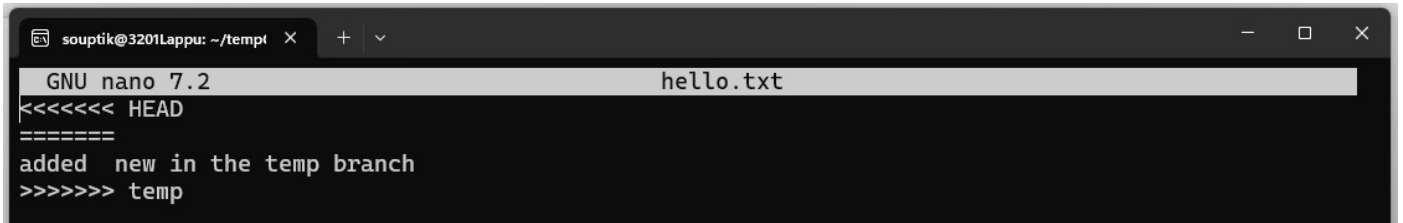
Souptik karan - 22053201 - 6363862

Master branch does not has the changes :



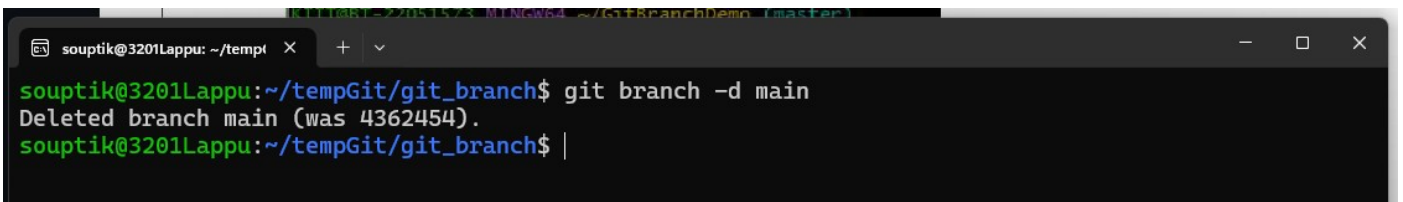
```
souptik@3201Lappu: ~/templ x + v
GNU nano 7.2 hello.txt *
hello
```

After merging can see the changes :



```
souptik@3201Lappu: ~/templ x + v
GNU nano 7.2 hello.txt
<<<<<<< HEAD
=====
added new in the temp branch
>>>>>>> temp
```

After done deleting the branches in the main



```
souptik@3201Lappu: ~/templ x + v
souptik@3201Lappu:~/tempGit/git_branch$ git branch -d main
Deleted branch main (was 4362454).
souptik@3201Lappu:~/tempGit/git_branch$ |
```