



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 25 : Git Merge Branches

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Git Merge Branches

Objective :

The objective of this task is to create a new Git branch, add a file to it, commit the changes, and then merge that branch into the master branch before pushing both branches to the remote repository.

Steps Performed :

1. Create a new branch named nautilus from the **/usr/src/kodkloudrepos/games** repository.
2. Copy the **/tmp/index.html** file into the repository.
3. Add and commit the new file to the **xfusion** branch.
4. Merge the **xfusion** branch into the master branch.
5. Push the changes for both branches to the origin.

End

00:13

Terminal 1

Stop Lab

You're done!

CONGRATULATIONS!!!!

You have successfully completed the challenge. Results have been saved. Ref ID: 68077c92399a2462b6cc667b

That might have been an easy task for you. But don't worry. Depending on the tasks you complete, you will get more difficult and advanced tasks assigned in the future.

You can also view your results in your dashboard under the "Active Practice" page.

```
create mode 100644 index.html
[natasha@ststor01 cluster]$ sudo git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 346 bytes | 346.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To /opt/cluster.git
 ddeb943..dc428a4  master -> master
[natasha@ststor01 cluster]$ sudo git push origin datacenter
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To /opt/cluster.git
 * [new branch]      datacenter -> datacenter
[natasha@ststor01 cluster]$ sudo git branch -a
* master
  remotes/origin/datacenter
  remotes/origin/master
[natasha@ststor01 cluster]$ sudo git log --oneline datacenter | head -n 3
dc428a4 Add index.html to datacenter branch
ddeb943 initial commit
[natasha@ststor01 cluster]$ ls -l index.html
-rw-r--r-- 1 root root 27 Sep  6 10:33 index.html
[natasha@ststor01 cluster]$ sudo git log --oneline master | head -n 3
dc428a4 Add index.html to datacenter branch
ddeb943 initial commit
[natasha@ststor01 cluster]$ sudo git ls-remote --heads origin
dc428a477eddbf0086e9c2a44a7e03e3cc5ddcb6 refs/heads/datacenter
dc428a477eddbf0086e9c2a44a7e03e3cc5ddcb6 refs/heads/master
[natasha@ststor01 cluster]$
```

Feedback

Congrats!

You have completed the task successfully.

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40

400

Share your success card