



# GitHub Training Exercise

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## VCS, Github

1. Create a repository for training.
2. Create separate directories for each exercise that we have done for Python and PostgreSQL.
3. Fetch the repository from github using git clone.
4. Add one directory of first exercise in the training branch. Make sure it is reflected on Github.
5. Once above exercise is done create another branch called python\_training from the main branch.
6. Checkout to this new branch and add another directory of exercise 2 of Python.
7. Commit this and push it to the new branch that you have created. Confirm that this is only pushed to your branch and not the master branch.
8. Similarly add commit for each exercise directory separately and check that the changes done are only on your branch and not on the master branch.
9. Prepare a pull request from your branch python\_training to the master branch.
10. Create another branch from master called postgresql\_training.
11. Add one folder of PostgreSQL exercise 1 to the branch and push it to the branch. Make sure it is in the postgresql\_training branch only and no where else.
12. Add another folder of second exercise 2 to the branch and push it to the branch.
13. Now create a new branch from postgresql\_training branch and check whether you have the commits that were done in the postgresql\_training branch or not. Call this branch as python\_psql\_training branch.
14. Add the directory of Python and PostgreSQL exercise to this branch.

15. Prepare a pull request from python\_psql\_training branch to postgresql\_training branch.
16. Merge this pull request on postgresql\_training branch.
17. Merge the pull request that was created from python\_training branch to master branch.
18. Now rebase postgresql\_training branch from master branch.
19. Create a pull request from postgresql\_training branch to master branch.
20. Merge the pull request from postgresql\_training in to master branch and check whether code of all branches is available on master branch or not.
21. Clone a repository provided to you. Create a new branch from the dev / development branch. Make changes to existing file commit the code. Add a new and commit the code. Create a merge proposal from your branch to the dev branch.
22. Clone another repository provided to you. Add a new file and commit and push. Make changes to the existing file and push. Make changes in the same file as your colleague and commit and push.
23. Make changes to a file and commit your code. Revert back this commit using reset.



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