

Software Tools and Technologies Lab II

Assignment 2

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Question Number 9

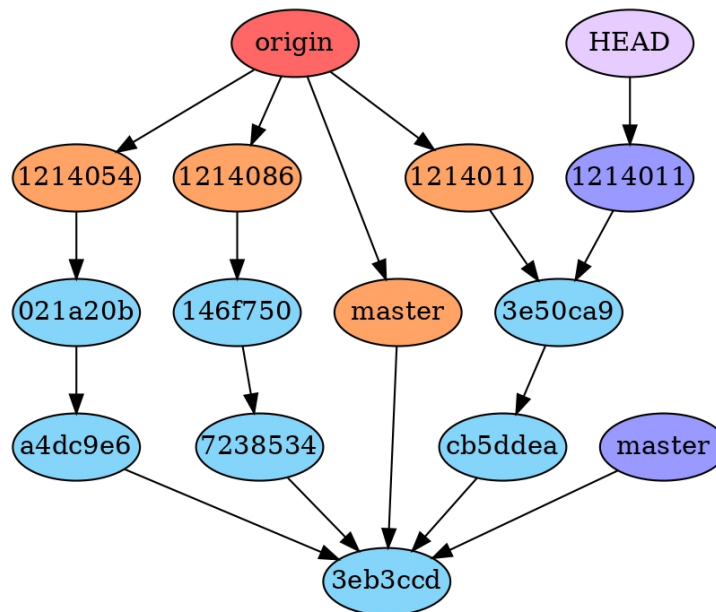
create a private repository on github and make the first commit. [git remote] Then do the following.

- Add your group members as collaborators (who should accept the invitation)
- All members should clone the repository on their systems.
- All members should create a branch named `Roll-No` and make two commits on them.

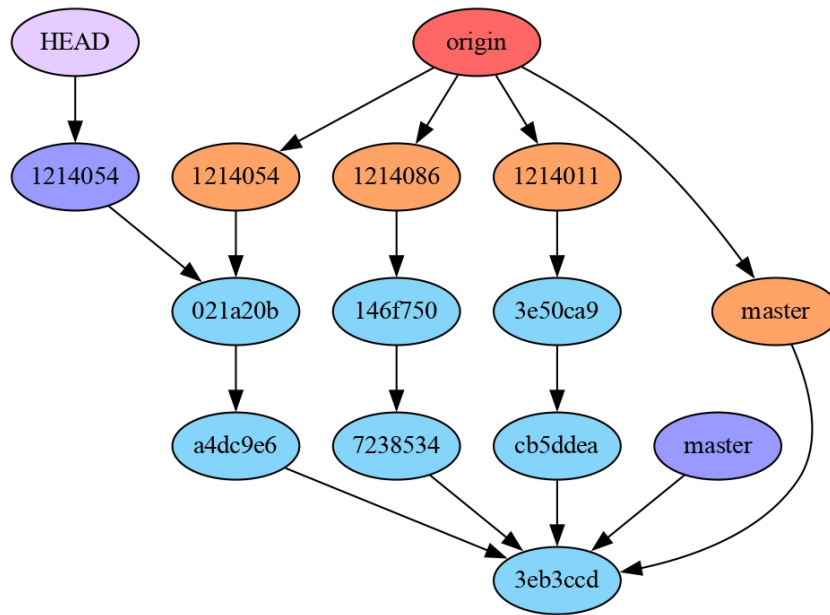
Find out how you can let the other members of your group know about the branch you created locally. After all branches are synced with remote share the git graph of each member.

Ans:

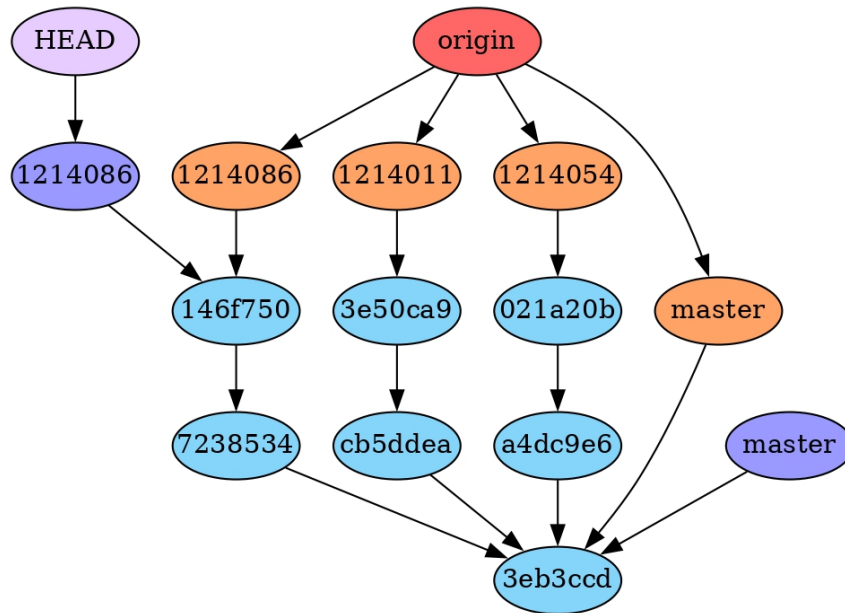
- For Roll Number 12140110



- For Roll Number 12140540



- For Roll Number 12140860



To let other members of your group know about the branch you created locally, you can follow these steps:

1] Push the branch to the remote repository: Use the command 'git push -u origin {branch-name}' to push the branch to the remote repository. This will make the branch available to other members of the group.

- 2] You need to give access to other collaborators : Once the other members have access to the new branch, they can collaborate with you on it by checking it out and making changes.
- 3] Notify the other members: Send a message to the other members of the group to let them know about the new branch.
- 4] So if any collaborators want to modify your branch then he can simply run command 'git pull origin' so all remote branch will pointed by origin pointer and if you want to modify this branch locally then create a new branch and pull remote/`branch_name_of_other_collaborators`; this can be done as follows:

```
git checkout -b local_12140540
git pull origin 12140860
```

and now remote/12140540 is synced with your local branch "local_12140540"