NOTE - This is just a msg i had sent when someone asked a doubt regarding forking and creating pr's. Kindly ignore typos and other formatting errors (tried to correct them, copy from slack and paste to doc kind of ruined it)

lets say two people x & y. x has repo of c++ algorithms. now y wants to add one ago to that. there are 2 ways

1) if x and y are friends, y can ask him permission for push access (x can give push access) this was not discussed in the lecture, its possible can google on how to and ask doubts.

2) x and y are not friends, just open source contributors. then what y can do is fork the repo.

 after that he/she would have the repo in their github profile (their list of repositories).

 now he/she can clone it (this was discussed today) or like sukriti had shows before (create a folder locally, git init, git remote add command and then git pull) [these are just 2 ways to have the github repo locally].

now after cloning he/she would have the repo locally. using the editor he/she can make changes like adding an algo. after adding it he/she can stage, commit and push that change. this push would occur in their copy(fork, the one in y's profile) not in the main repository (the one from which he/she forked, that is on x's profile)

now when y visit's the copy of the repository in her/his profile. it would be showing a message like branch master is ahead of x:master by 1 commit, next to this message there would be a pull request option. click on that to create pull request. then go to x's repository, in pull request tab you can see your pull request is made,

now x can merge it if he wants or close it or add comments asking you to make some change or informing something you did is incorrect so fix it etc etc...

The following links have images and detailed step that could help.
detailed info about pul request creation -
https://help.github.com/en/github/collaborating-with-issues-and-pull-requests/creating-a-pull-request

about forking -
https://help.github.com/en/github/getting-started-with-github/fork-a-repo

documentation
github - https://help.github.com/en/
git - https://git-scm.com/doc