# Remote Operations

1. Create (Signup) GitHub account by visiting <https://github.com/>
2. Create new repository as “TestRepo”.
3. Add remote on to your local repository and name it as ‘Origin’.
4. Display all remote names with their details.
5. Rename remote branch ‘Origin’ to ‘RemoteBranch’
6. Take a copy (Clone) of your remote repository to your local machine.
7. Now create a new file as ‘RemoteFile.txt’ on remote repository, make 1 commit by making following change in the RemoteFile.txt

Add changes to file as: -

Change1 – commit with message as “Change1 in RemoteFile”

And if you check the log on remote it should display in following manner: -

Change1 in RemoteFile

Note: - If you check log on local there will be no commits which are made on remote.

1. Fetch remote ‘Origin’ to sync up with remote.
2. Finally merge the remote changes to local master
3. Now, make 1 more commit on remote (GitHub) by making the following change in the RemoteFile.txt

Add changes to file as: -

Change2 – commit with message as “Change2 in RemoteFile”

And if you check the log on remote it should display in following manner: -

Change2 in RemoteFile

Change1 in RemoteFile

1. Use Pull to take these recent changes to local.
2. Now, make 2 new commits on local by making following change in the RemoteFile.txt

Add changes to file as: -

Change3 – commit with message as “Change3 in RemoteFile”

Change4 – commit with message as “Change4 in RemoteFile”

And if you check the log on local it should display in the following manner: -

Change4 in RemoteFile

Change3 in RemoteFile

Change2 in RemoteFile

Change1 in RemoteFile

1. Push these recent changes to remote.