# Operations to Perform on Local Git Repository

1. Create a new local git repository on to your local machine and configure it for

User.name and user.email attribute.

1. Create files in directory (File1, IgnoreFile and FileToDelete provided), say directory contains – File1.txt, IgnoreFile.txt and FileToDelete.txt, now start tracking only the File1.txt and FileToDelete.txt and ignore the IgnoreFile.txt by using .gitIgnore
2. Commit these changes to repository.

Use commit message as “This is the first commit, tracking File1 and FileToDelete”

Note: - Only File1.txt and FileToDelete.txt should be tracked and not IgnoreFile.txt

1. Make 2 more commits by making the following changes in File1.txt

Add changes to file as: -

Change1: Commit with message as “Change1 in File1”

Change2: Commit with message as “Change2 in File1”

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

Change2 in File1

Change1 in File1

This is the first commit, tracking File1 and FileToDelete

1. Delete the FileToDelete.txt file from directory and commit with message as “FileToDelete is deleted”
2. Display logs: -

-Show all the commit logs.

-Show last three logs in one line

-Show only commits that occur between from date and to date.

-Show only those commit message that contains “File1” as in commits.

1. Permanently undo a “FileToDelete is deleted” commit snapshot.
2. Rename File1.txt to FileOne.txt.