

Experiment No :1**1. Setting up and Basic Commands**

Initialize a new Git Repository in a directory. Create a new file and add it to the staging area and commit the changes with an appropriate commit message.

Step 1: Initialize a new Git Repository

- Open a terminal or command prompt.
- Create a Directory
mkdir first
- Navigate to the directory where you want to create your new Git repository.
cd path/to/your/directory
- Initialize a new Git repository.
git init

Step 2: Create a New File

- Use any text editor of your choice to create a new file in the repository directory. For example, let's create a file named sample.txt.
vim sample.txt
- Open sample.txt in your text editor and add some content.

Step 3: Add the File to the Staging Area

- Add the newly created file to the staging area.
git add sample.txt
This command stages the changes in sample.txt for the next commit.

Step 4: Commit the Changes

- Commit the changes to the repository with a meaningful commit message.
git commit -m "Initial commit: Added sample.txt"