Module 3: Branching and Merging Git

Demo1: Demo on Create, delete, and manage branches with Git

Problem Statement:

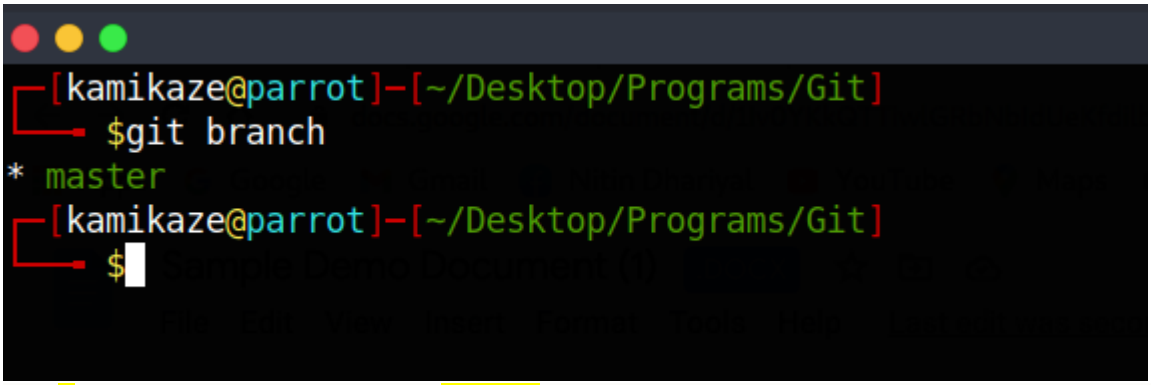
How we can create, delete, and merge branches using Git Bash

Solution:

Step 1: In This demo, we will go through GitHub Branch Creation, deletion, and managing them by our Git Command Line Interface.

Command Used: git branch

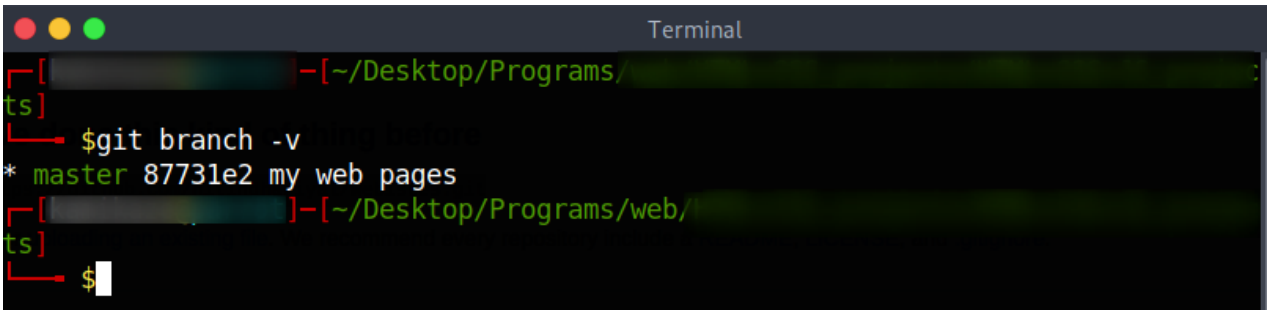
This command will do more than just create and delete branches. If you run it with no arguments, you will get a simple listing of your current branches:



The * character here prefixes the master branch indicates the branch that you currently have checked out (i.e., the branch that HEAD points to). It means that if you commit at this point, the master branch will be moved forward with your new work.

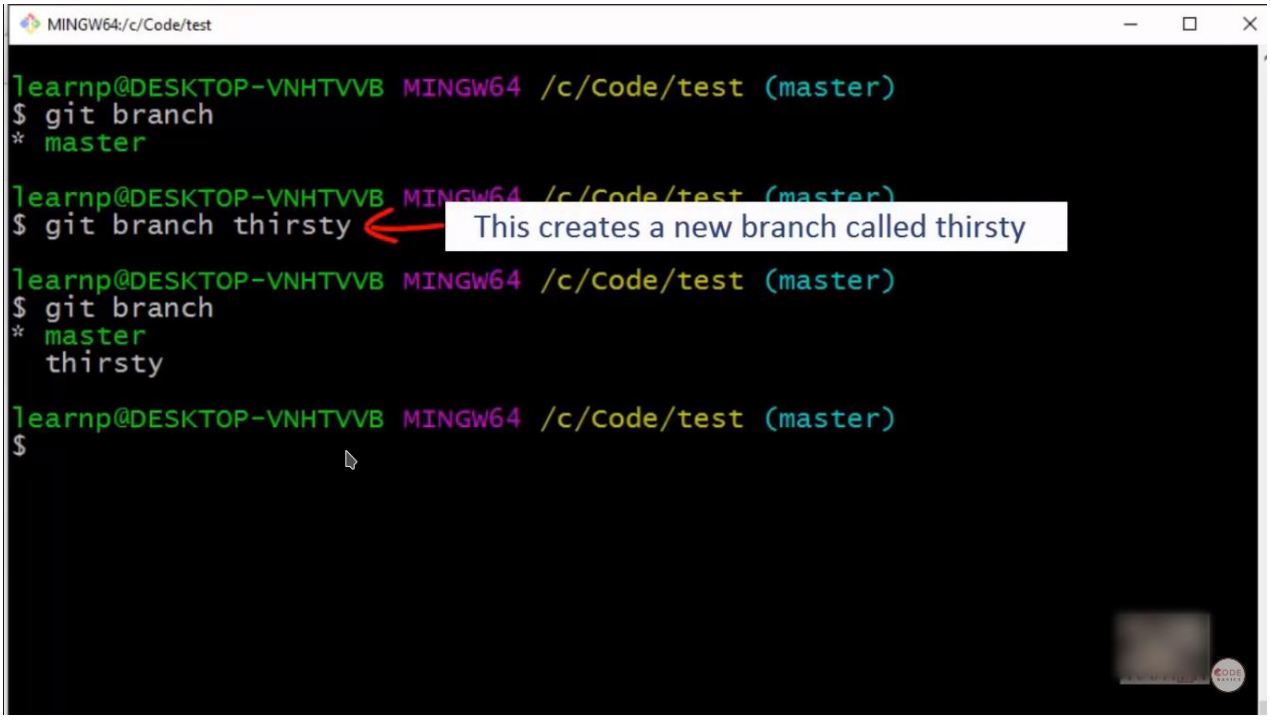
Step 2: Let us the last commit on each branch,

Command Used: git branch -v



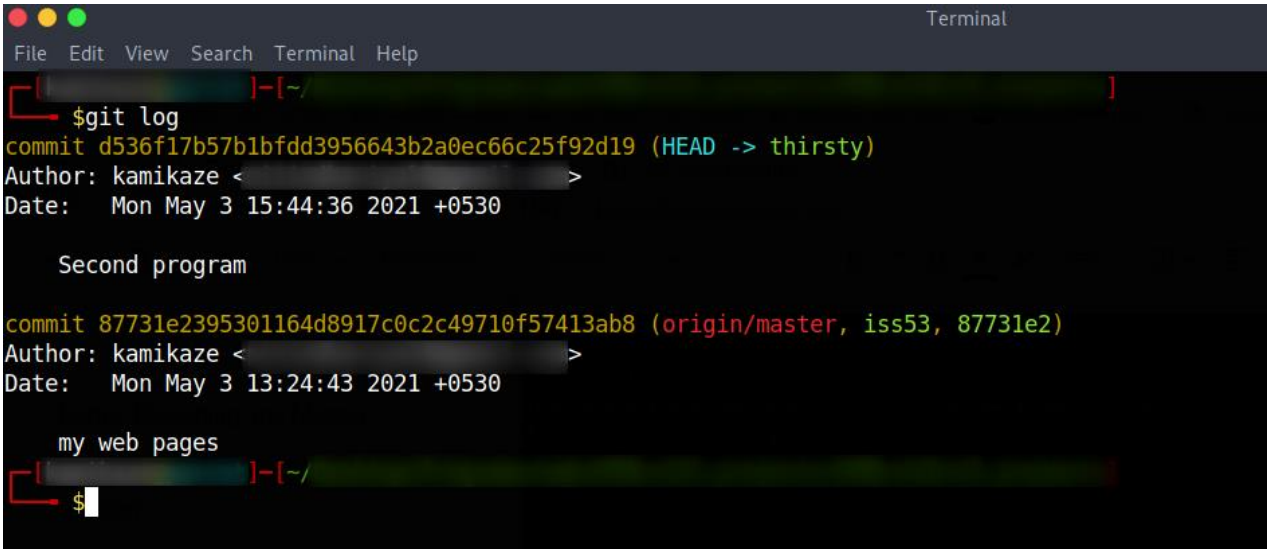
Step 3: Let us Create a new branch,

Command Used: git branch branchname



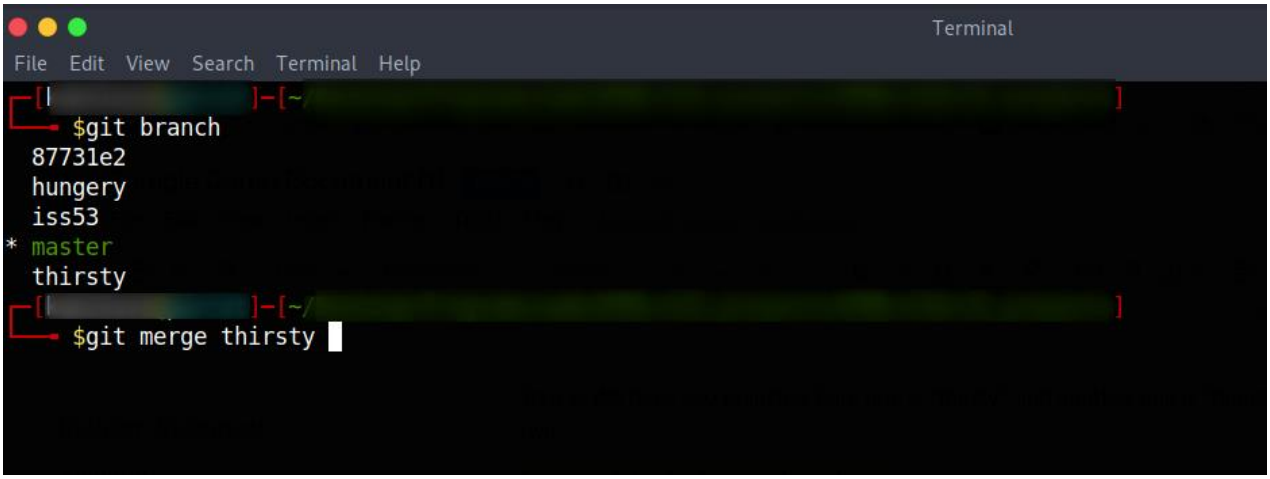
Step 4: Let us Check the logs.

Command Used: git log



Step 5: We have two branches here one is “thirsty” and another one is “hungery”. Let us merge these two.

Command Used: git merge branchname



Step 6: Let us delete one branch:

Command Used: git branch -d branchname