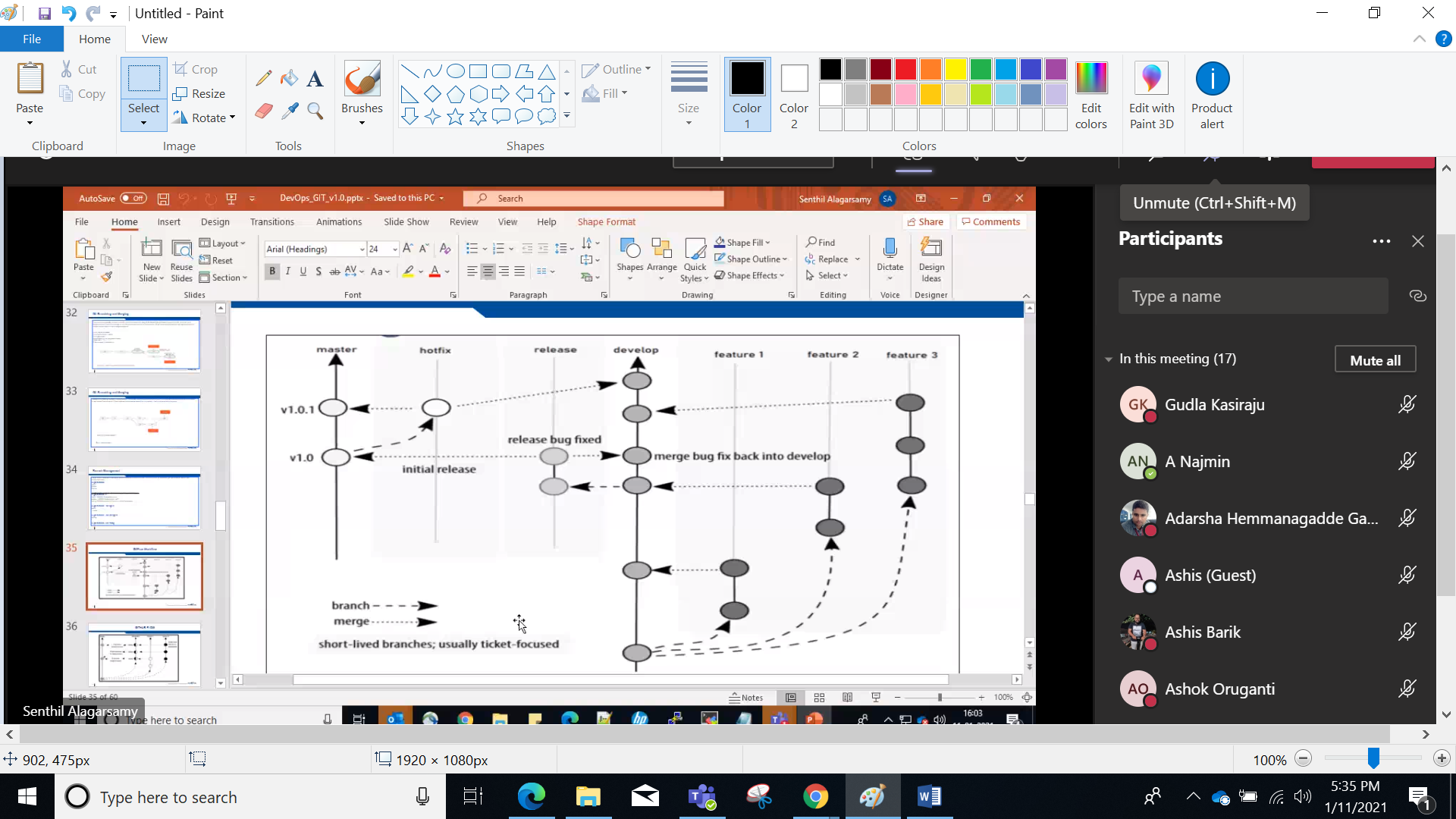
*GIT WORKFLOW*



A **branch in Git** is simply a lightweight movable pointer to one of these commits

Reason: This normally happens when two branches have different parts of the same file and Git isn’t able to figure out which part to use

Long Live branch-------LLFB Master HEAD is always points to the origin/master where source code reflects PRODUCTION-RADY-STATE

-------Develop branch(Integration Branch)Latest delivery reflects to next release

Short Lived Branch--Feature Branch, Hotfix Branch, Release Branch

**fast-forward merge:**  there is a linear path from the current branch tip to the target branch

///////////////////////////////////////////////////////////////////

**Create file in master branch**

**Create**

**Create Myfeature branch**

**Take some changes into myfeature branch then merge back to develop branch**

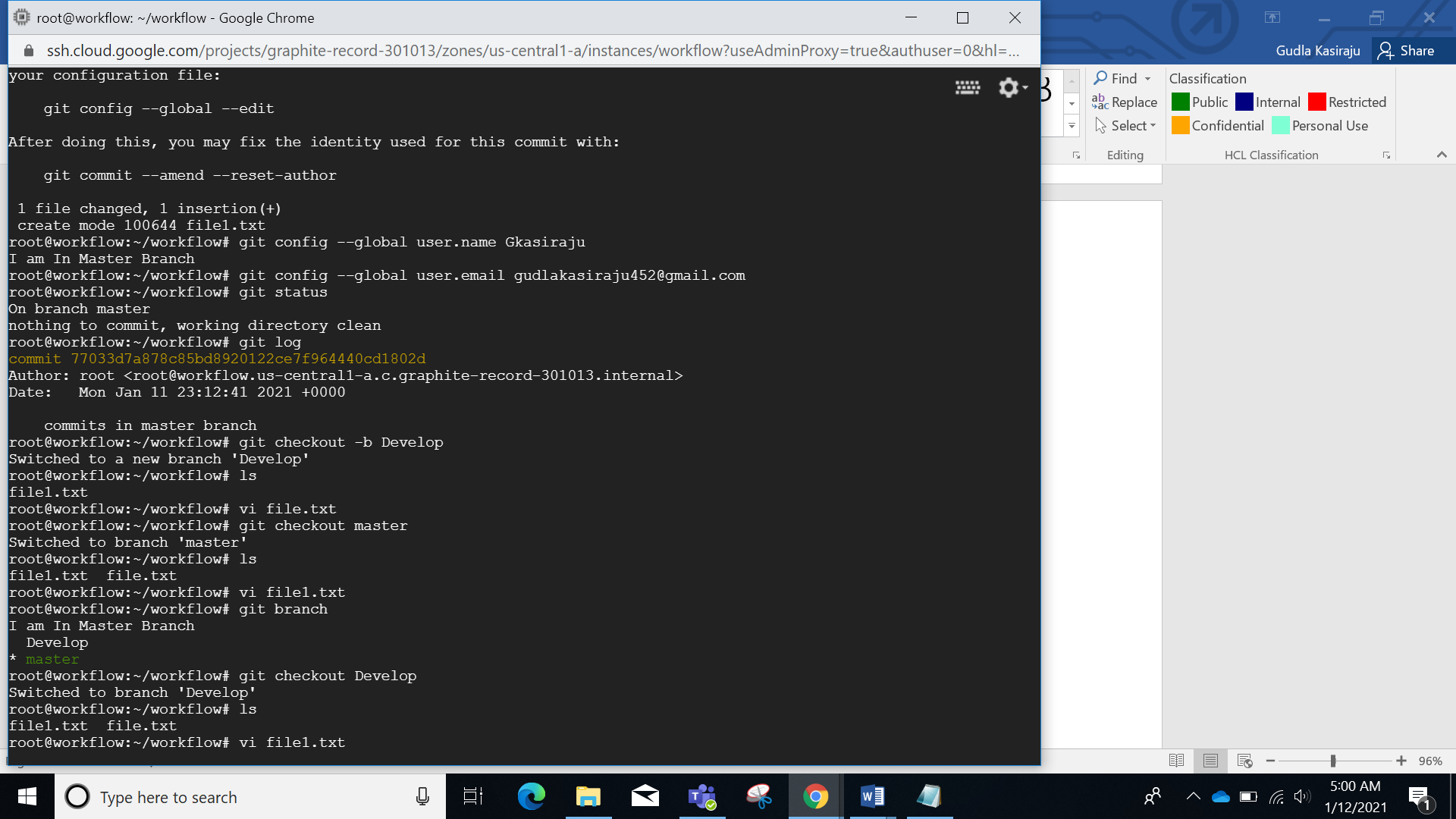
Mkdir workflow

Cd workflow/

Echo “I am in master branch”>file1.txt

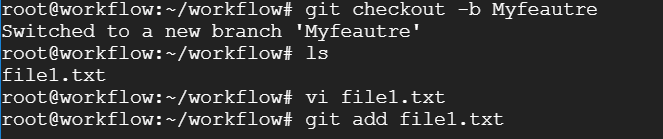
Git add .

Gt commit –m “commit by master branch”



Git checkout –b Develop

Git checkout –b Myfeature



Open that file take some changes and commit merge back to develop

Vi file1.txt

Git add .

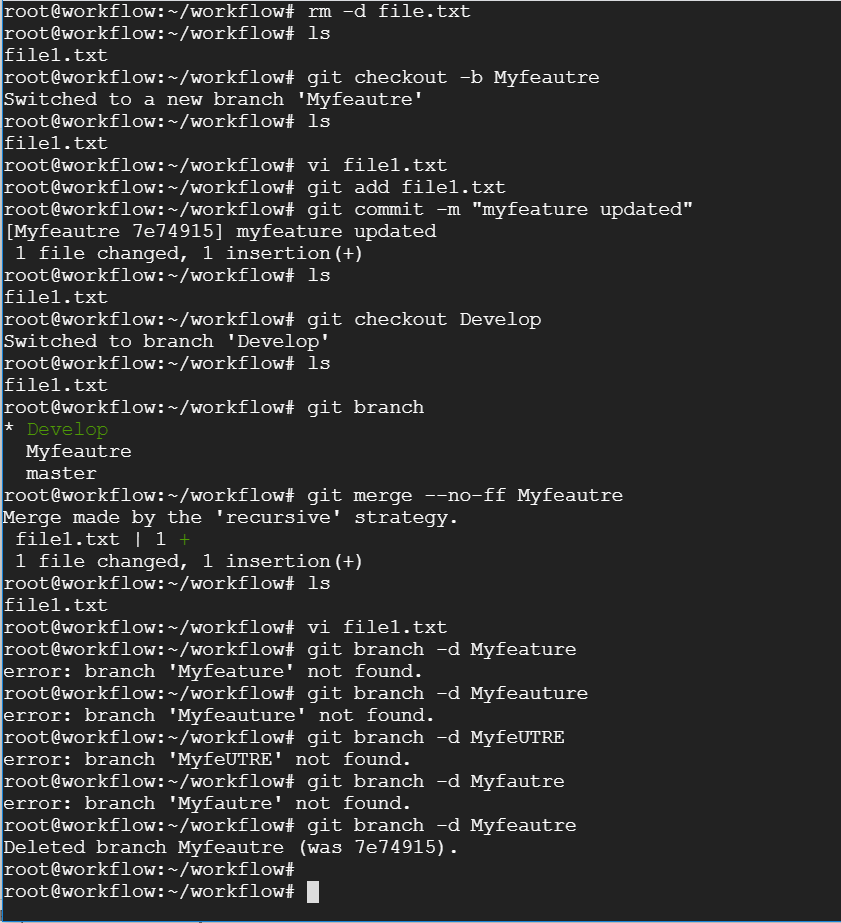
Git commit –m “Myfeature updated”

Git checkout Develop

Git merge –no—ff Myfeature

This command merges the specified branch int the command into the current branch, but always performs a merge commit (even if it was a fast-forward merge). This is helpful for keeping all merges that are performed in your repository.

Git branch –d myfeature



**Hotfix branch**

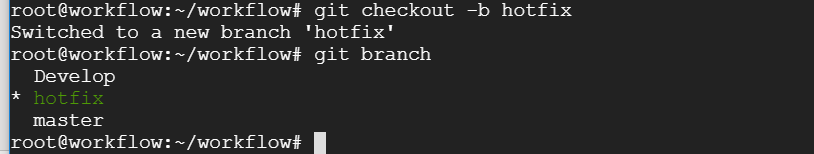
hotfixbrnach

from master branch

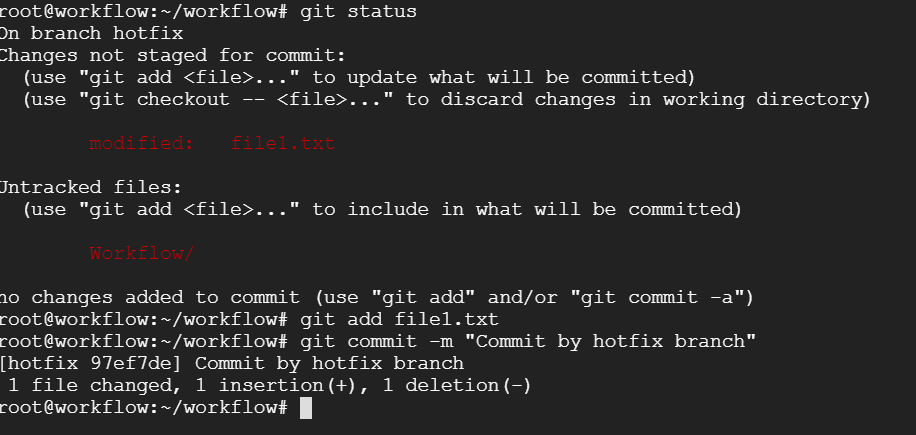
merge back to develop and master

create a hotfix brnach and fix the bugs

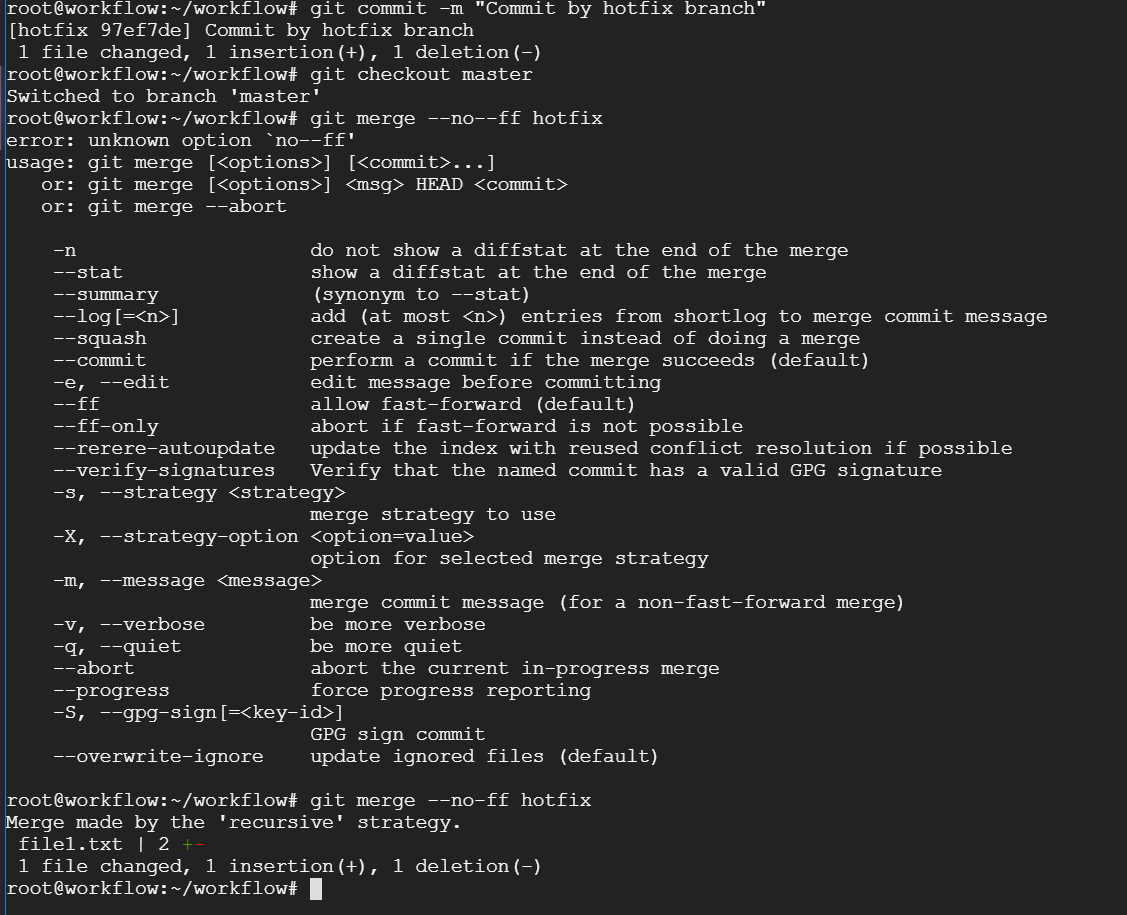
git checkout –b hotfx



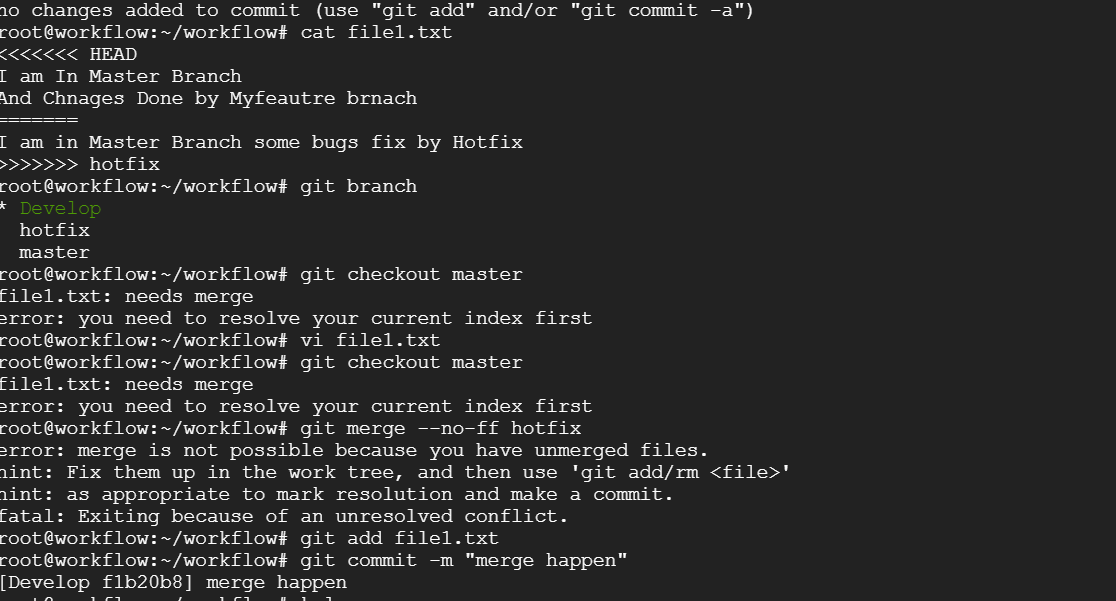
Merge to master



Merge back to master and Develop



Merge back to Develop:



**Release Branch:**

Branch off from the develop

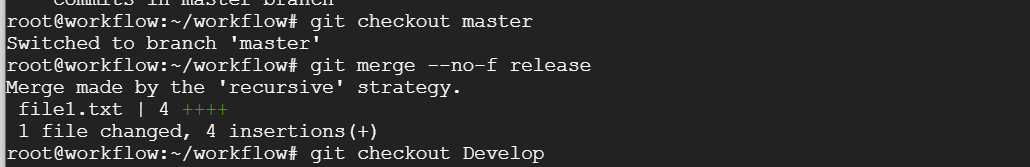
And merge back to both master and develop

Git checkout –b release

//commit the changes

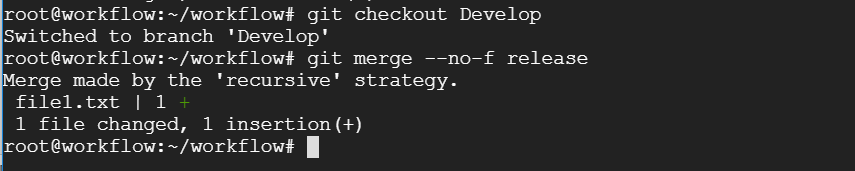
Merge back to master

Git merge –no-f release



Merge back to Develop

Git merge –no-f release



**GItHUB**

