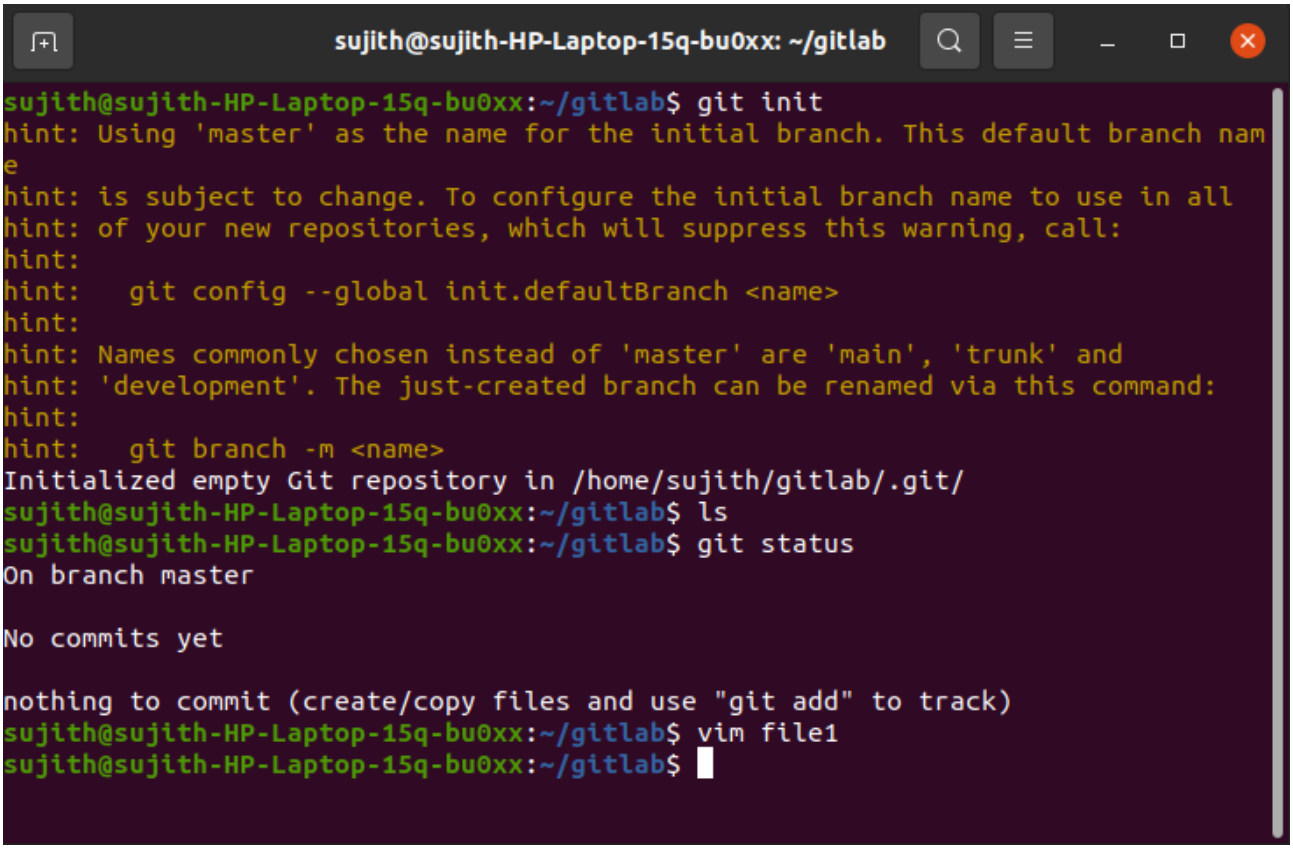
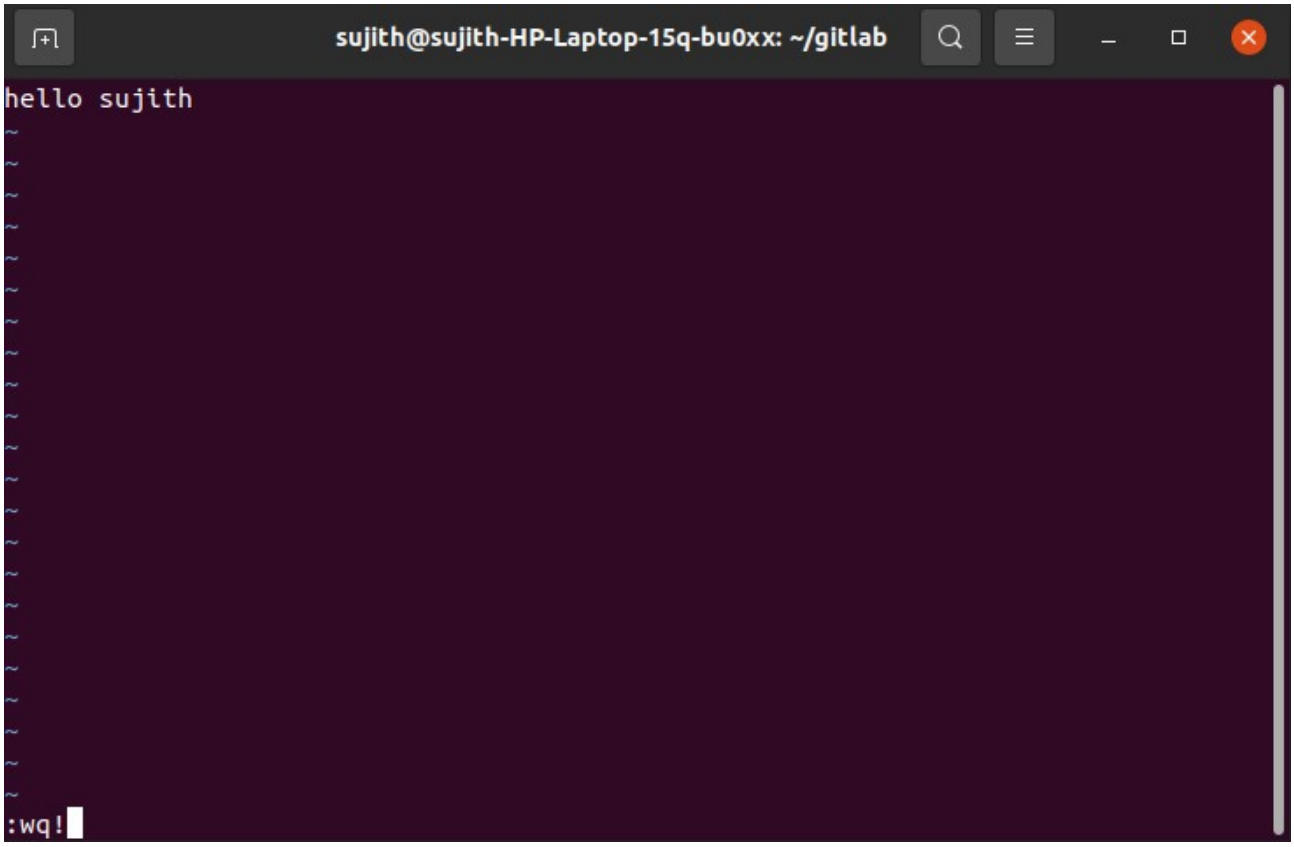
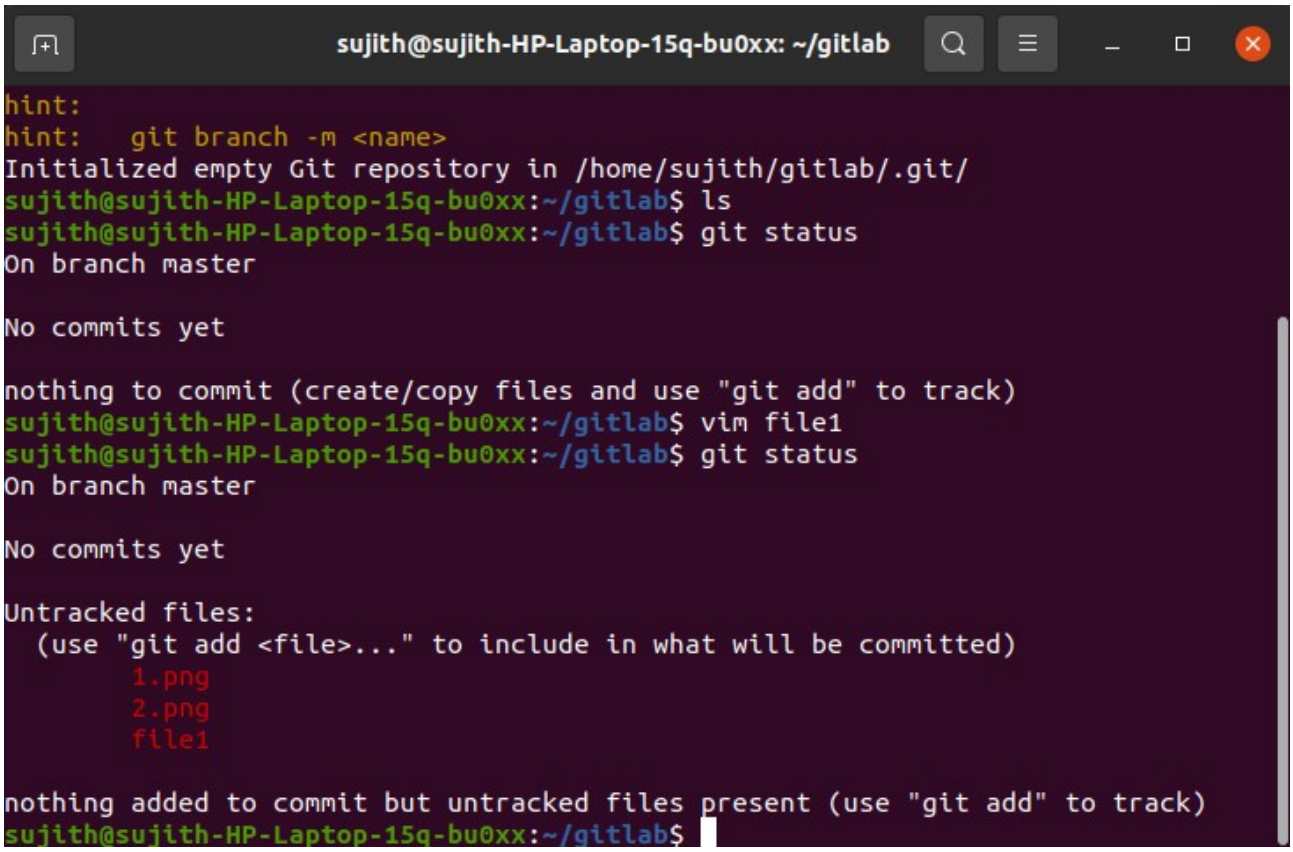
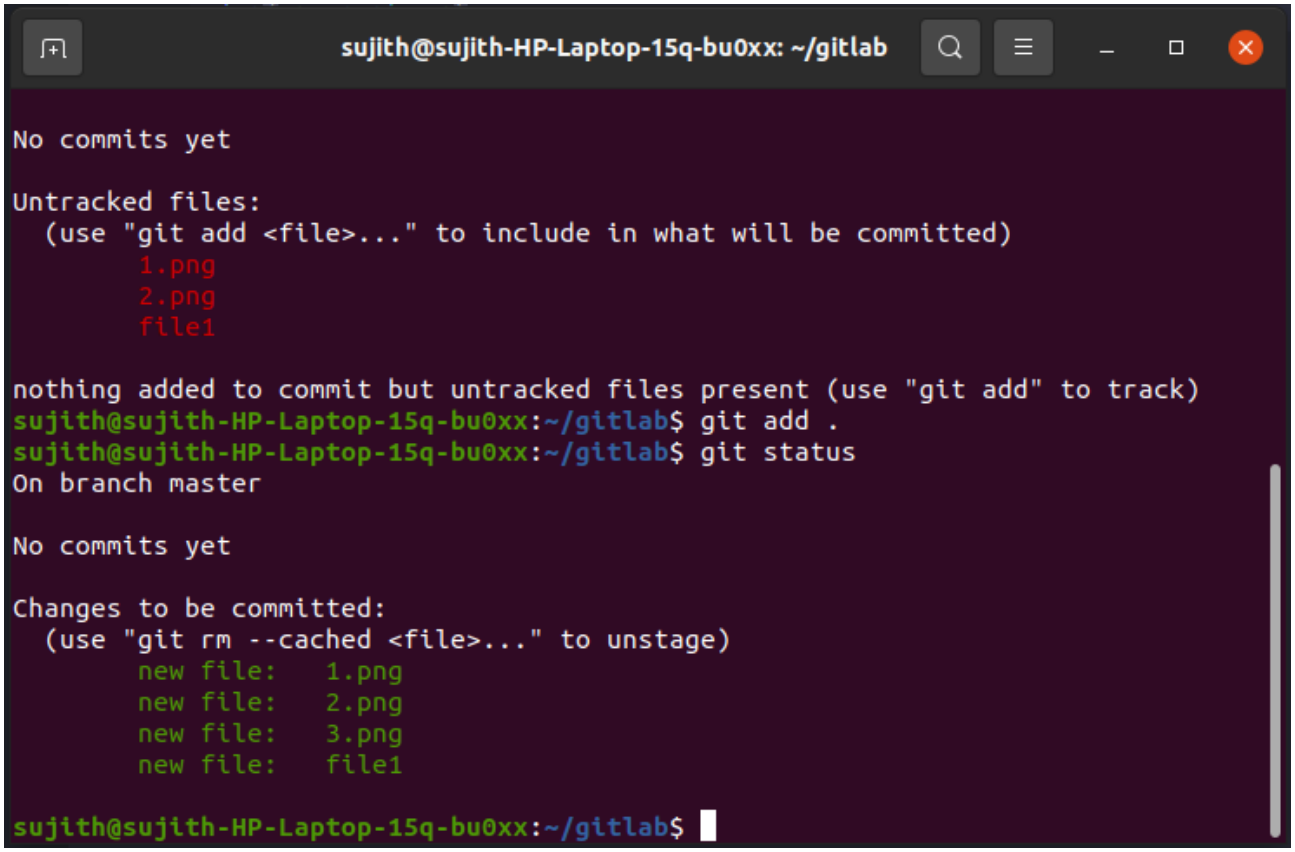
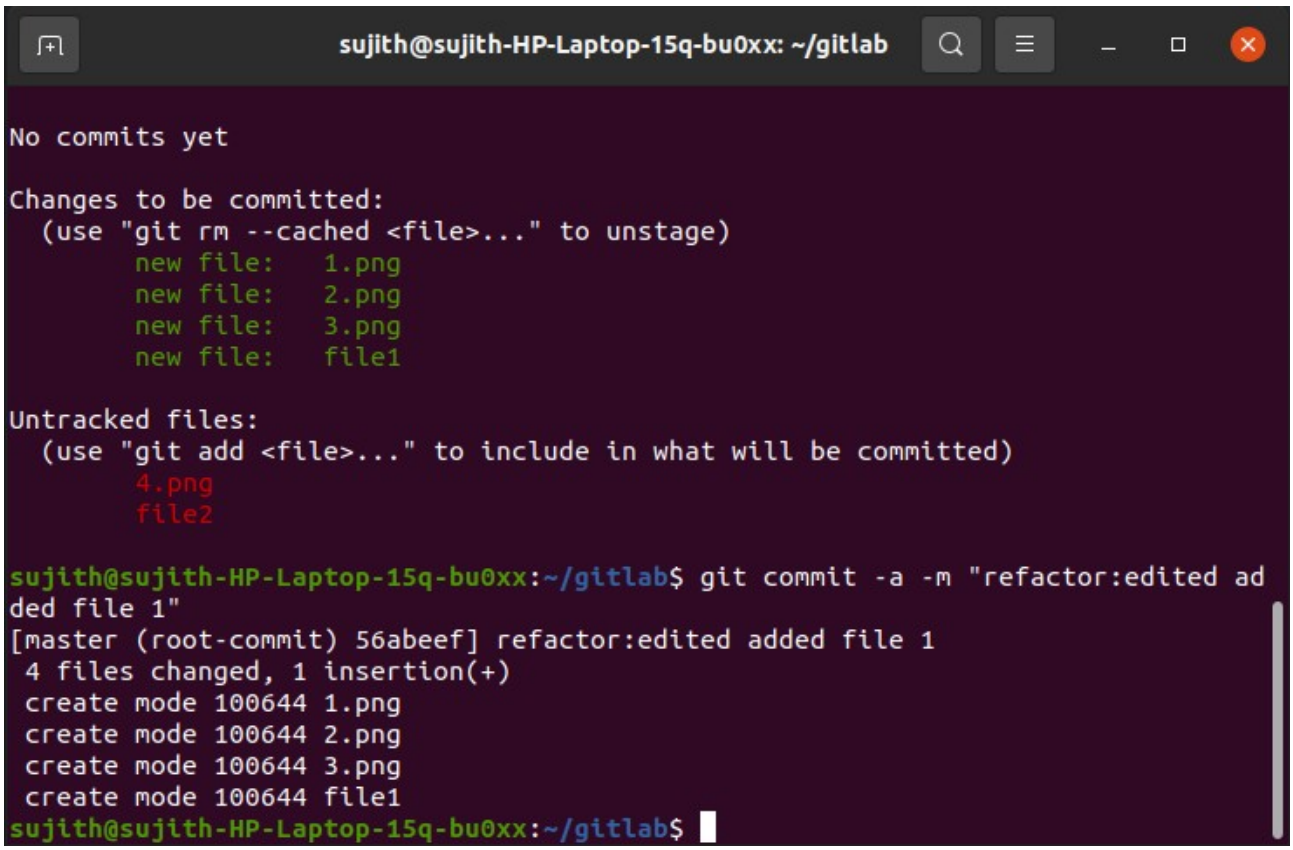
21/06/2021
RLMCA232 - System Design Lab
Aim :To Learn Basic Git Commands

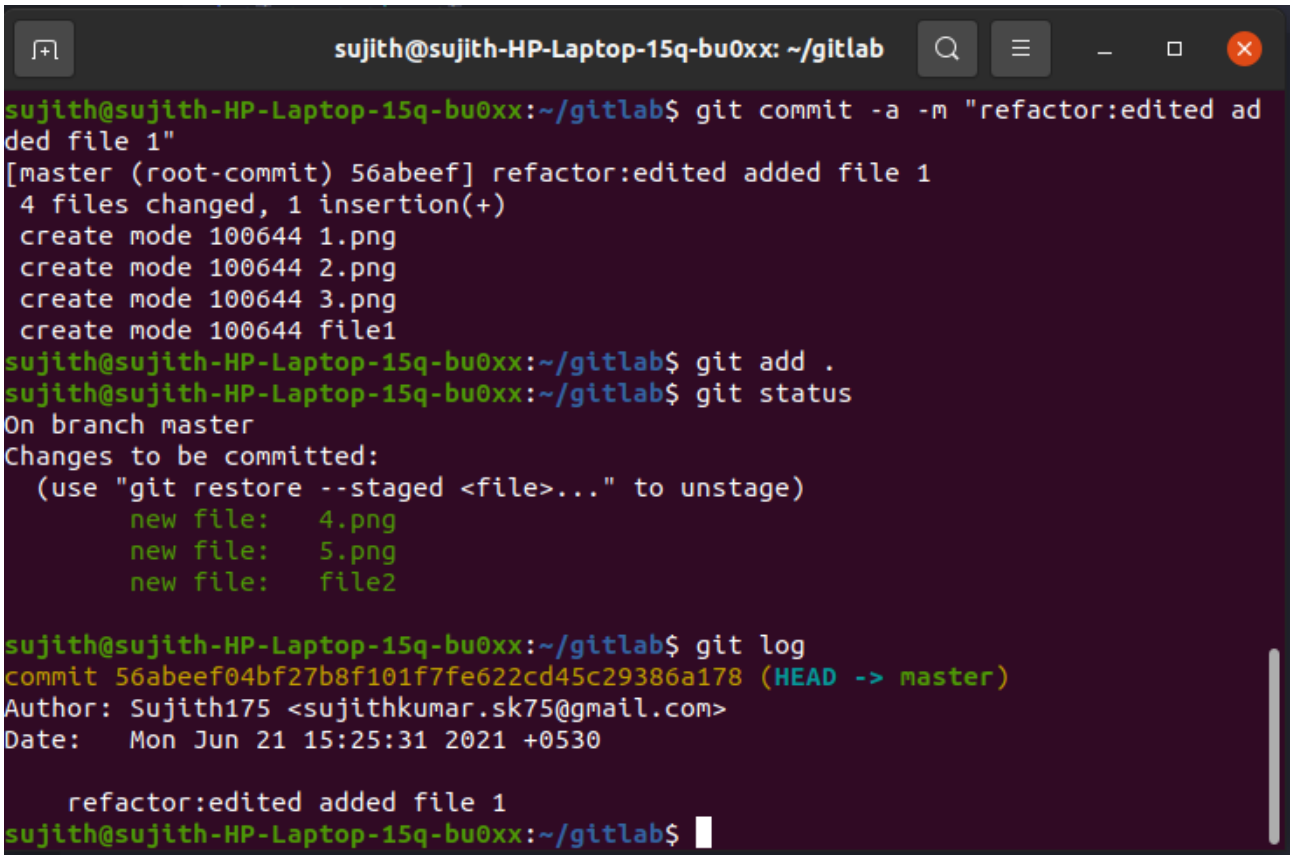


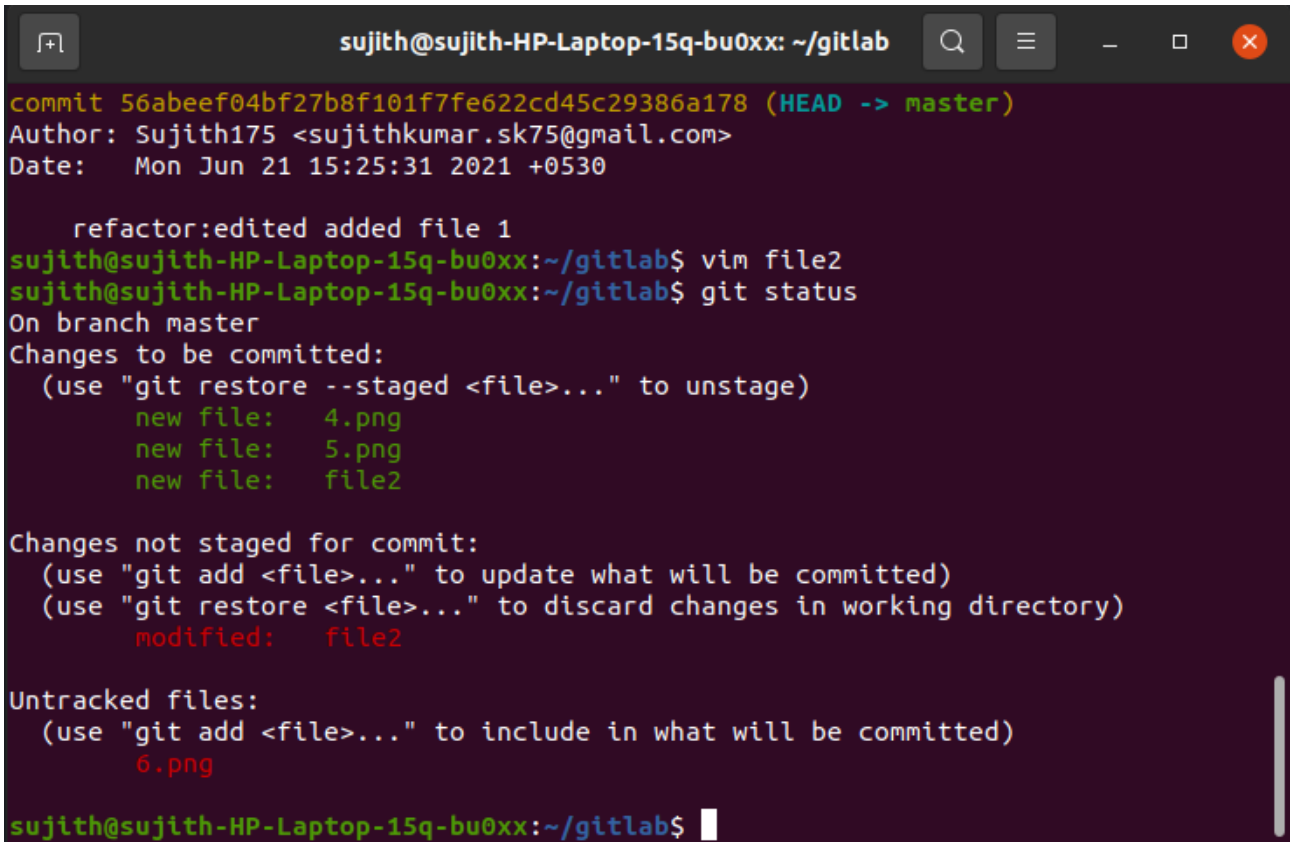


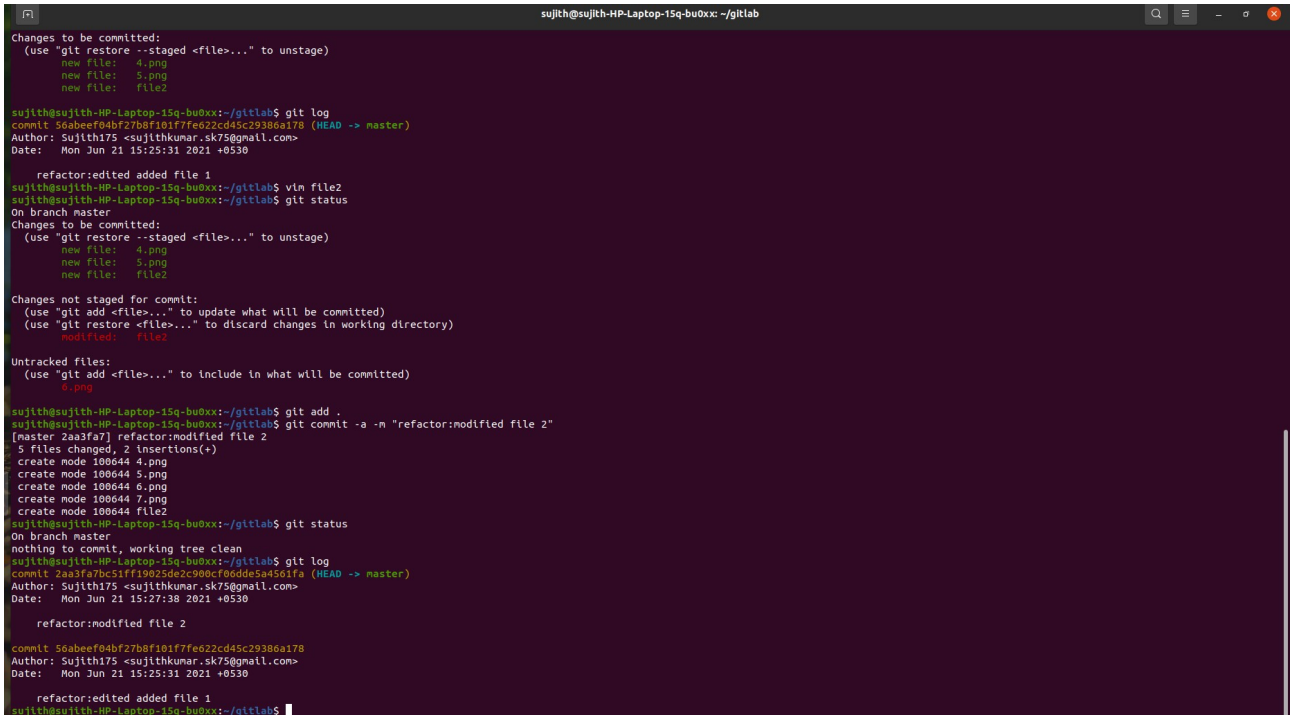

sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
hint:
hint: git branch -m <name>
Initialized empty Git repository in /home/sujith/gitlab/.git/
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ ls
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
No commits yet
nothing to commit (create/copy files and use "git add" to track)
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim file1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
No commits yet
Untracked files:
(use "git add <file>..." to include in what will be committed)
1.png
2.png
file1
nothing added to commit but untracked files present (use "git add" to track)
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
No commits yet
Untracked files:
(use "git add <file>..." to include in what will be committed)
1.png
2.png
file1
nothing added to commit but untracked files present (use "git add" to track)
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
No commits yet
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
new file: 1.png
new file: 2.png
new file: 3.png
new file: file1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
No commits yet
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
new file: 1.png
new file: 2.png
new file: 3.png
new file: file1
Untracked files:
(use "git add <file>..." to include in what will be committed)
4.png
file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:edited added file 1"
[master (root-commit) 56abeef] refactor:edited added file 1
4 files changed, 1 insertion(+)
create mode 100644 1.png
create mode 100644 2.png
create mode 100644 3.png
create mode 100644 file1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:edited added file 1"
[master (root-commit) 56abeef] refactor:edited added file 1
4 files changed, 1 insertion(+)
create mode 100644 1.png
create mode 100644 2.png
create mode 100644 3.png
create mode 100644 file1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: 4.png
new file: 5.png
new file: file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git log
commit 56abeef04bf27b8f101f7fe622cd45c29386a178 (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
commit 56abeef04bf27b8f101f7fe622cd45c29386a178 (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: 4.png
new file: 5.png
new file: file2
Changes not staged for commit:
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
modified: file2
Untracked files:
(use "git add <file>..." to include in what will be committed)
6.png
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: 4.png
new file: 5.png
new file: file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git log
commit 56abeef04bf27b8f101f7fe622cd45c29386a178 (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
new file: 4.png
new file: 5.png
new file: file2
Changes not staged for commit:
(use "git add <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
modified: file2
Untracked files:
(use "git add <file>..." to include in what will be committed)
6.png
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:modified file 2"
[master 2aa3fa7] refactor:modified file 2
5 files changed, 2 insertions(+)
create mode 100644 4.png
create mode 100644 5.png
create mode 100644 6.png
create mode 100644 7.png
create mode 100644 file2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git status
On branch master
nothing to commit, working tree clean
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git log
commit 2aa3fa7bc51ff19025de2c900cf06dde5a4561fa (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:27:38 2021 +0530
refactor:modified file 2
commit 56abeef04bf27b8f101f7fe622cd45c29386a178
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$

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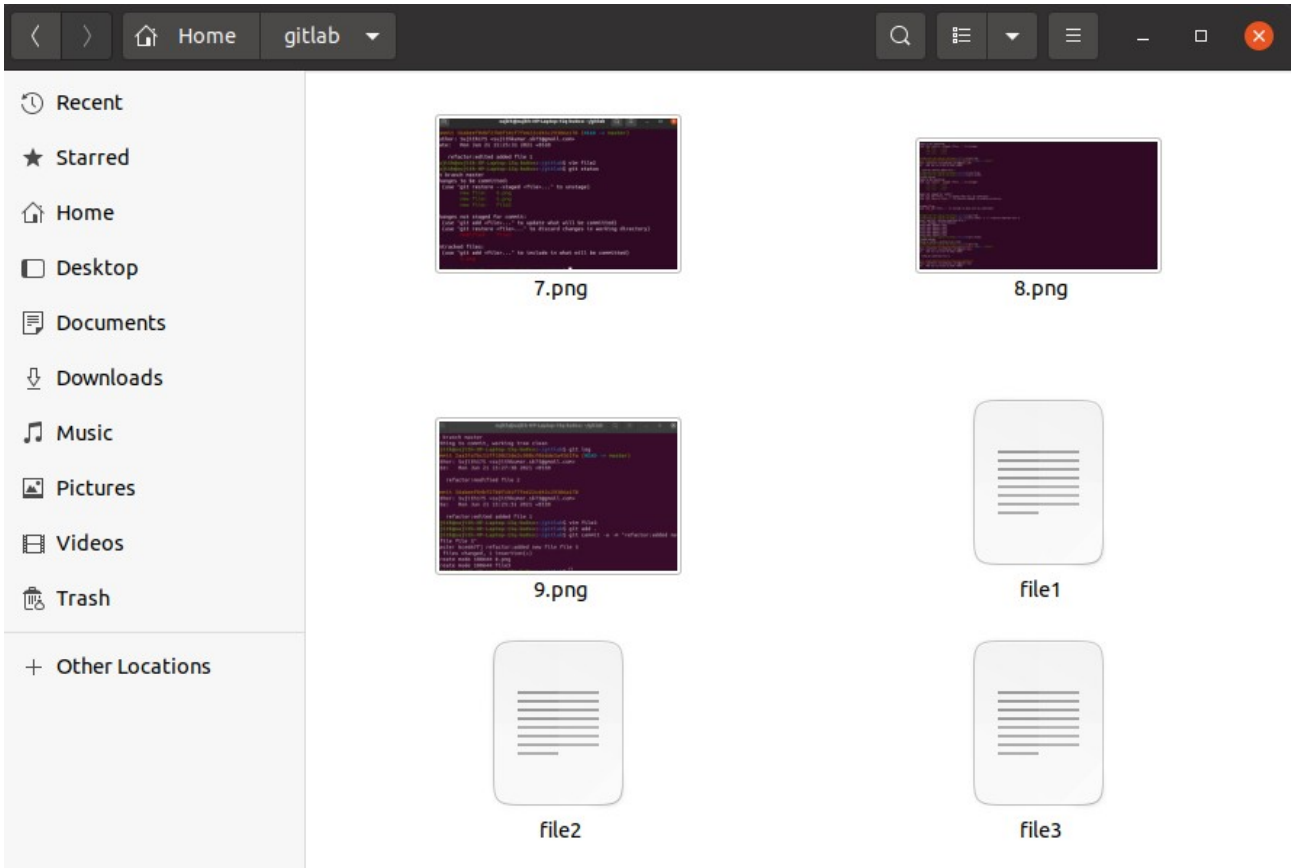
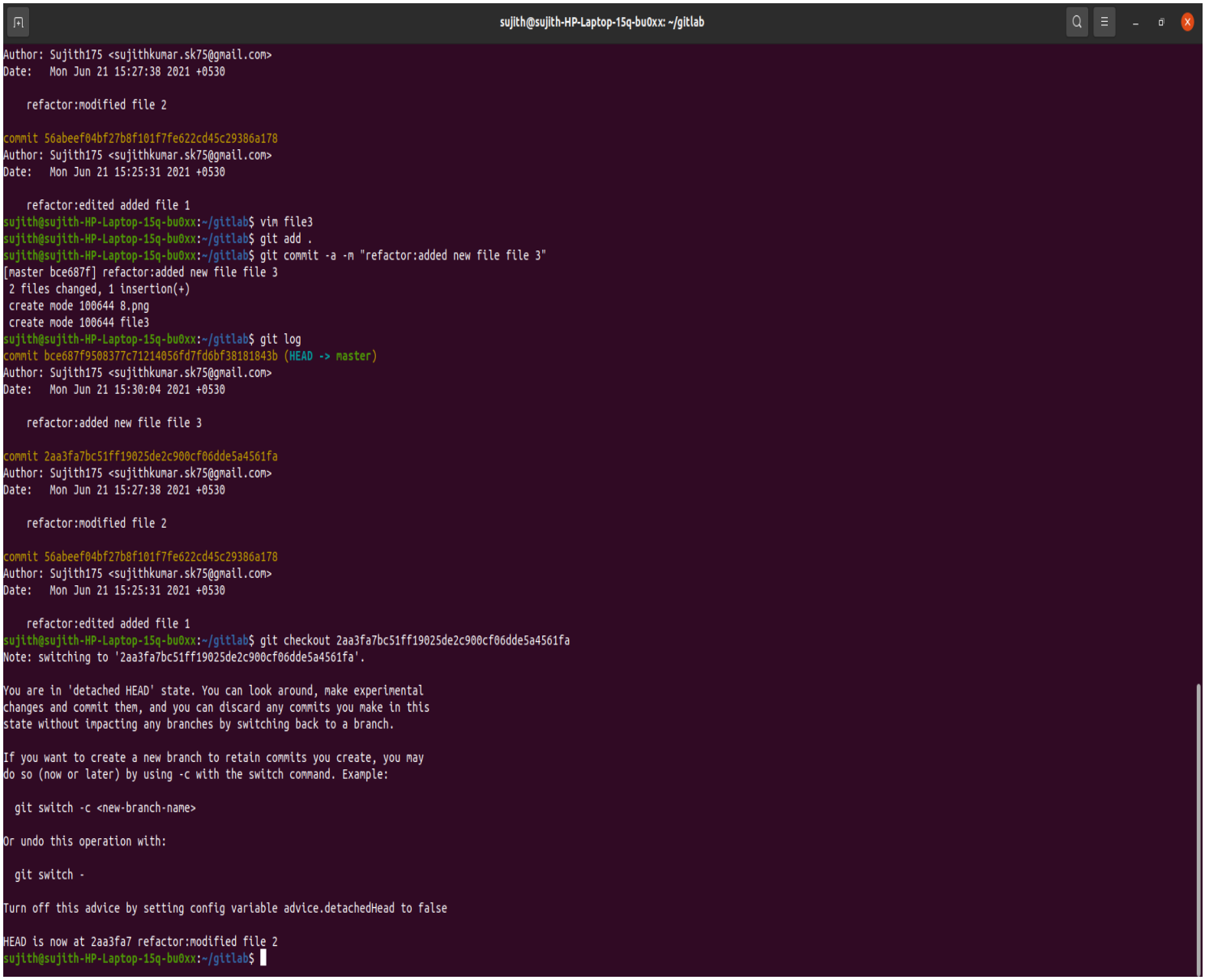
sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
On branch master
nothing to commit, working tree clean
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git log
commit 2aa3fa7bc51ff19025de2c900cf06dde5a4561fa (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date:   Mon Jun 21 15:27:38 2021 +0530

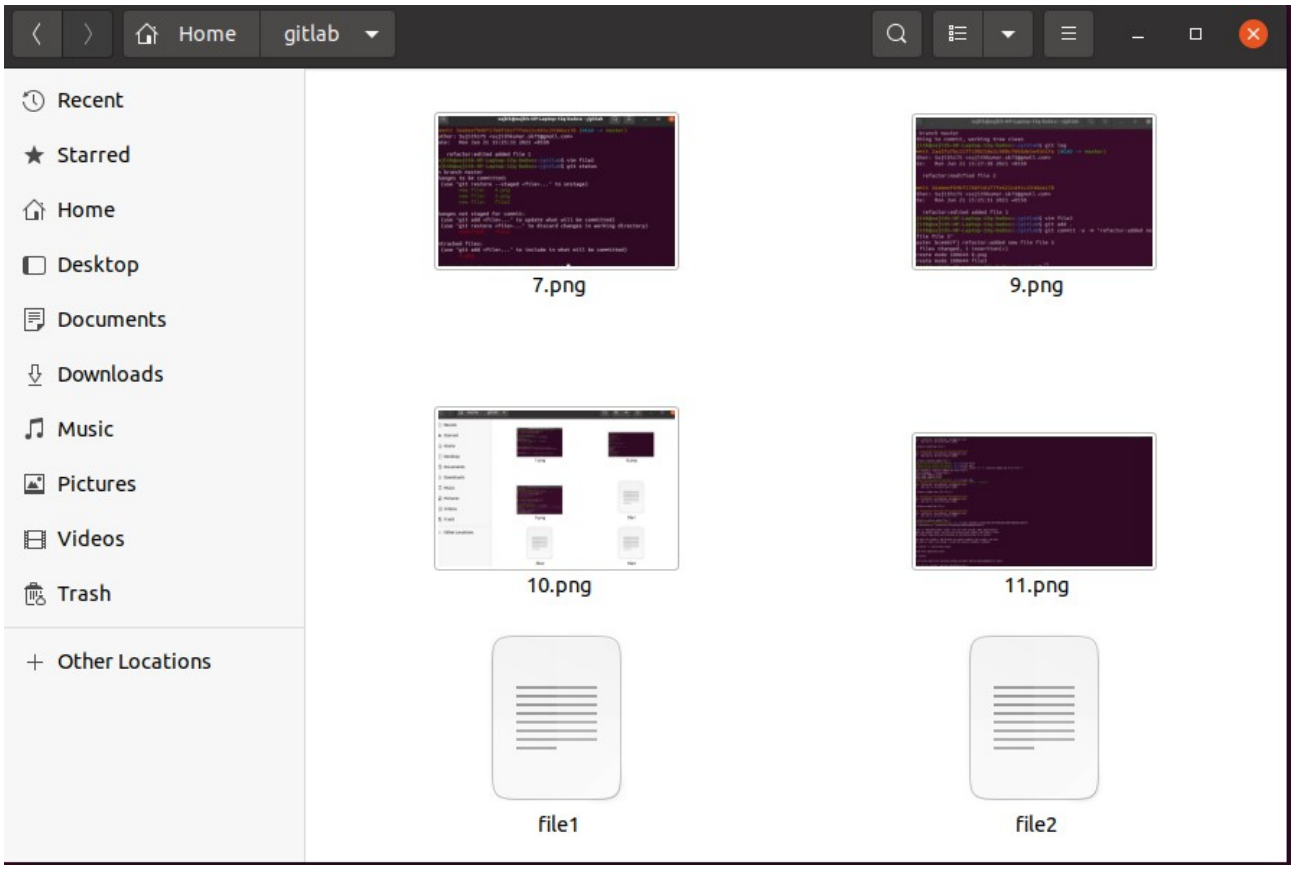
    refactor:modified file 2

commit 56abeef04bf27b8f101f7fe622cd45c29386a178
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date:   Mon Jun 21 15:25:31 2021 +0530

    refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim file3
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:added ne
w file file 3"
[master bce687f] refactor:added new file file 3
 2 files changed, 1 insertion(+)
 create mode 100644 8.png
 create mode 100644 file3
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$
```




sujith@sujith-HP-Laptop-15q-bu0xx: ~/gitlab
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:27:38 2021 +0530
refactor:modified file 2
commit 56abeef04bf27b8f101f7fe622cd45c29386a178
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ vim file3
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git add .
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git commit -a -m "refactor:added new file file 3"
[master bce687f] refactor:added new file file 3
2 files changed, 1 insertion(+)
create mode 100644 8.png
create mode 100644 file3
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git log
commit bce687f9508377c71214056fd7fd6bf38181843b (HEAD -> master)
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:30:04 2021 +0530
refactor:added new file file 3
commit 2aa3fa7bc51ff19025de2c900cf06dde5a4561fa
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:27:38 2021 +0530
refactor:modified file 2
commit 56abeef04bf27b8f101f7fe622cd45c29386a178
Author: Sujith175 <sujithkumar.sk75@gmail.com>
Date: Mon Jun 21 15:25:31 2021 +0530
refactor:edited added file 1
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$ git checkout 2aa3fa7bc51ff19025de2c900cf06dde5a4561fa
Note: switching to '2aa3fa7bc51ff19025de2c900cf06dde5a4561fa'.
You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.
If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:
git switch -c <new-branch-name>
Or undo this operation with:
git switch -
Turn off this advice by setting config variable advice.detachedHead to false
HEAD is now at 2aa3fa7 refactor:modified file 2
sujith@sujith-HP-Laptop-15q-bu0xx:~/gitlab$


Home
gitlab
Recent
Starred
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Trash
Other Locations
7.png
9.png
10.png
11.png
file1
file2