**LAB CYCLE 2** Chaithra k v

Roll no: 9

MCA – 4th sem

chaithra@chaithra:~$ sudo apt-get install git

chaithra@chaithra:~$ git config --global user.name "chaithra"

chaithra@chaithra:~$ git config --global user.email 1011@tkmce.ac.in

chaithra@chaithra:~$ git config --global color.ui auto

chaithra@chaithra:~$ mkdir gittest

chaithra@chaithra:~$ cd gittest

chaithra@chaithra:~/gittest$ git init

Initialized empty Git repository in /home/chaithra/gittest/.git/

chaithra@chaithra:~/gittest$ touch sample

chaithra@chaithra:~/gittest$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

sample

nothing added to commit but untracked files present (use "git add" to track)

chaithra@chaithra:~/gittest$ git add sample

chaithra@chaithra:~/gittest$ git commit -m "first commit"

[master (root-commit) f2c514d] first commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 sample

chaithra@chaithra:~/gittest$ git status

On branch master

nothing to commit, working tree clean

chaithra@chaithra:~/gittest$ git log

commit f2c514d5f615a6408e4541bcdd16e8dc34ab06c5 (HEAD -> master)

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:46:36 2021 +0530

first commit

chaithra@chaithra:~/gittest$ git status

On branch master

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: sample

no changes added to commit (use "git add" and/or "git commit -a")

chaithra@chaithra:~/gittest$ git commit -a

[master 0e5117a] commit

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gittest$ git status

On branch master

nothing to commit, working tree clean

chaithra@chaithra:~/gittest$ git log

commit 0e5117a1589b9a3cc5230e3c414ff433c7bb7e9a (HEAD -> master)

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:49:42 2021 +0530

commit

commit f2c514d5f615a6408e4541bcdd16e8dc34ab06c5

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:46:36 2021 +0530

first commit

chaithra@chaithra:~/gittest$ git checkout f2c514d5f615a6408e4541bcdd16e8dc34ab06c5

Note: switching to 'f2c514d5f615a6408e4541bcdd16e8dc34ab06c5'.

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 f2c514d first commit

chaithra@chaithra:~/gittest$ git log

commit f2c514d5f615a6408e4541bcdd16e8dc34ab06c5 (HEAD)

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:46:36 2021 +0530

first commit

chaithra@chaithra:~/gittest$ git checkout 0e5117a1589b9a3cc5230e3c414ff433c7bb7e9a

Previous HEAD position was f2c514d first commit

HEAD is now at 0e5117a commit

chaithra@chaithra:~/gittest$ git status

HEAD detached at 0e5117a

nothing to commit, working tree clean

chaithra@chaithra:~/gittest$ git log

commit 0e5117a1589b9a3cc5230e3c414ff433c7bb7e9a (HEAD, master)

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:49:42 2021 +0530

commit

commit f2c514d5f615a6408e4541bcdd16e8dc34ab06c5

Author: chaithra <1011@tkmce.ac.in>

Date: Fri Apr 23 08:46:36 2021 +0530

first commit

chaithra@chaithra:~/gittest$ ls

sample