**LAB CYCLE** Chaithra K V

Roll No: 9

chaithra@chaithra:~$ cd gitexample

chaithra@chaithra:~/gitexample$ git init

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

chaithra@chaithra:~/gitexample$ 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:~/gitexample$ git add .

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

[master (root-commit) 5fc928b] first commit

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

create mode 100644 sample

chaithra@chaithra:~/gitexample$ git add .

chaithra@chaithra:~/gitexample$ git commit -m "second commit"

[master 09d35bb] second commit

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gitexample$ git log --all

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (HEAD -> master)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git branch

\* master

chaithra@chaithra:~/gitexample$ git branch master1

chaithra@chaithra:~/gitexample$ git log

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (HEAD -> master, master1)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git status

On branch master

nothing to commit, working tree clean

chaithra@chaithra:~/gitexample$ git checkout master1

Switched to branch 'master1'

chaithra@chaithra:~/gitexample$ git add .

chaithra@chaithra:~/gitexample$ git commit -m "third commit in master1"

[master1 02b50c8] third commit in master1

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gitexample$ git log --all

commit 02b50c8ed9a03b6f25839f1550129c9d55538afa (HEAD -> master1)

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

Date: Tue Apr 27 13:57:26 2021 +0530

third commit in master1

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (master)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git checkout master

Switched to branch 'master'

chaithra@chaithra:~/gitexample$ git log --all

commit 02b50c8ed9a03b6f25839f1550129c9d55538afa (master1)

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

Date: Tue Apr 27 13:57:26 2021 +0530

third commit in master1

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (HEAD -> master)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git checkout master1

Switched to branch 'master1'

chaithra@chaithra:~/gitexample$ git log --all

commit 02b50c8ed9a03b6f25839f1550129c9d55538afa (HEAD -> master1)

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

Date: Tue Apr 27 13:57:26 2021 +0530

third commit in master1

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (master)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git merge master

Already up to date.

chaithra@chaithra:~/gitexample$ git branch

master

\* master1

chaithra@chaithra:~/gitexample$ git checkout master

Switched to branch 'master'

chaithra@chaithra:~/gitexample$ git log --all

commit 02b50c8ed9a03b6f25839f1550129c9d55538afa (master1)

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

Date: Tue Apr 27 13:57:26 2021 +0530

third commit in master1

commit 09d35bbddbe372c3539769f1057a93bd89547c8a (HEAD -> master)

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git merge master1

Updating 09d35bb..02b50c8

Fast-forward

sample | 1 +

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gitexample$ git branch

\* master

master1

chaithra@chaithra:~/gitexample$ git checkout master1

Switched to branch 'master1'

chaithra@chaithra:~/gitexample$ git add .

chaithra@chaithra:~/gitexample$ git commit -m "fourth commit in master1"

[master1 a9bd405] fourth commit in master1

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

create mode 100644 new sample

chaithra@chaithra:~/gitexample$ git log --all

commit a9bd4054ed3b958a7950d7e82d4fe1b29734cd34 (HEAD -> master1)

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

Date: Tue Apr 27 14:09:44 2021 +0530

fourth commit in master1

commit 02b50c8ed9a03b6f25839f1550129c9d55538afa (master)

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

Date: Tue Apr 27 13:57:26 2021 +0530

third commit in master1

commit 09d35bbddbe372c3539769f1057a93bd89547c8a

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

Date: Tue Apr 27 13:53:30 2021 +0530

second commit

commit 5fc928b2eba8166405a966fa6664f3ded4d3cf0b

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

Date: Tue Apr 27 13:52:55 2021 +0530

first commit

chaithra@chaithra:~/gitexample$ git add .

chaithra@chaithra:~/gitexample$ git commit -m "committed"

[master1 49c47fd] committed

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gitexample$ git checkout master1

Already on 'master1'

chaithra@chaithra:~/gitexample$ git add .

chaithra@chaithra:~/gitexample$ git commit -m "committed"

[master1 9fd5c5d] committed

1 file changed, 1 insertion(+)

chaithra@chaithra:~/gitexample$ git checkout master

Switched to branch 'master'

chaithra@chaithra:~/gitexample$ git merge master1

Updating 02b50c8..9fd5c5d

Fast-forward

new sample | 1 +

sample | 1 +

2 files changed, 2 insertions(+)

create mode 100644 new sample

chaithra@chaithra:~/gitexample$ git diff

chaithra@chaithra:~/gitexample$ git diff

diff --git a/sample b/sample

index 9300197..e435fa7 100644

--- a/sample

+++ b/sample

@@ -1,3 +1,4 @@

haii

how are you

where are you

+hello

chaithra@chaithra:~/gitexample$ git stash

Saved working directory and index state WIP on master: 9fd5c5d committed

chaithra@chaithra:~/gitexample$ git branch

\* master

master1

chaithra@chaithra:~/gitexample$ git checkout master1

Switched to branch 'master1'

chaithra@chaithra:~/gitexample$ git status

On branch master1

nothing to commit, working tree clean

chaithra@chaithra:~/gitexample$ git stash

No local changes to save

chaithra@chaithra:~/gitexample$ git status

On branch master1

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:~/gitexample$ git stash

Saved working directory and index state WIP on master1: 9fd5c5d committed