**Name:- Shruti Mahajan.**

**Roll no:-87**

**Practical 09:- Demonstrate the use of git diff command**

kulka@LAPTOP-DB23JF4E MINGW64 ~

$ git clone https://github.com/shrutuu1222/MergeDemo2.git

Cloning into 'MergeDemo2'...

remote: Enumerating objects: 3, done.

remote: Counting objects: 100% (3/3), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (3/3), done.

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$ cd MergeDemo2

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ touch Demo1.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git add Demo1.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git commit -m "merge commit"

[main f54b590] merge commit

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

create mode 100644 Demo1.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git branch branch2

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git checkout main

Already on 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git checkout branch2

Switched to branch 'branch2'

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ touch Demo2.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git add Demo2.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git commit -m "merge2 commit"

[branch2 857a858] merge2 commit

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

create mode 100644 Demo2.txt

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git merge main

Already up to date.

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git status

On branch branch2

nothing to commit, working tree clean

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git branch --list

\* branch2

main

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git checkout branch2

Already on 'branch2'

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git checkout main

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git checkout branch2

Switched to branch 'branch2'

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git merge main

Already up to date.

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git merge main branch2

Already up to date.

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git merge branch2 main

Already up to date.

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git checkout branch2

Already on 'branch2'

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git checkout main

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$ git checkout branch2

Switched to branch 'branch2'

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (branch2)

$ git checkout main

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

kulka@LAPTOP-DB23JF4E MINGW64 ~/MergeDemo2 (main)

$



