**Name:- Piyush Sunil Patil**

**Roll No:-129**

**Practical No:-9**

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

admin@DESKTOP-K3MVO4B MINGW64 ~

$ git clone https://github.com/DhirajPatil129 /KBCNMU2.git

Cloning into 'KBCNMU2'...

remote: Enumerating objects: 9, done.

remote: Counting objects: 100% (9/9), done.

remote: Compressing objects: 100% (5/5), done.

remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (9/9), done.

admin@DESKTOP-K3MVO4B MINGW64 ~

$ cd KBCNMU2

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (main)

$ git diff

**diff --git a/MCA b/MCA**

**index 8646659..17a37dc 100644**

**--- a/MCA**

**+++ b/MCA**

@@ -1 +1,2 @@

this is new file

+this is new file practical no 9

\ No newline at end of file

**diff --git a/MCA2 b/MCA2**

**index 9722bcf..c981179 100644**

**--- a/MCA2**

**+++ b/MCA2**

@@ -1 +1 @@

-this is second file

+MY name Dhiraj

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (main)

$ git diff --color-words

**diff --git a/MCA b/MCA**

**index 8646659..17a37dc 100644**

**--- a/MCA**

**+++ b/MCA**

@@ -1 +1,2 @@

this is new file

this is new file practical no 9

**diff --git a/MCA2 b/MCA2**

**index 9722bcf..c981179 100644**

**--- a/MCA2**

**+++ b/MCA2**

@@ -1 +1 @@

this is second fileMY name Dhiraj

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (main)

$ git branch branch2

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (main)

$ git checkout branch2

Switched to branch 'branch2'

M MCA

M MCA2

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ touch branch2.txt

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git add branch2.txt

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git commit -m "commit branch2 diff"

[branch2 51f998b] commit branch2 diff

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

create mode 100644 branch2.txt

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git diff main branch2

**diff --git a/branch2.txt b/branch2.txt**

**new file mode 100644**

**index 0000000..e69de29**

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git diff main branch2 --name-only

branch2.txt

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git diff main

**diff --git a/MCA b/MCA**

**index 8646659..17a37dc 100644**

**--- a/MCA**

**+++ b/MCA**

@@ -1 +1,2 @@

this is new file

+this is new file practical no 9

\ No newline at end of file

**diff --git a/MCA2 b/MCA2**

**index 9722bcf..c981179 100644**

**--- a/MCA2**

**+++ b/MCA2**

@@ -1 +1 @@

-this is second file

+MY name Dhiraj

**diff --git a/branch2.txt b/branch2.txt**

**new file mode 100644**

**index 0000000..e69de29**

admin@DESKTOP-K3MVO4B MINGW64 ~/KBCNMU2 (branch2)

$ git diff main...branch2

**diff --git a/branch2.txt b/branch2.txt**

**new file mode 100644**

**index 0000000..e69de29**



