

Experiment No. 1.2

Name: Rohit

Branch: MCA-CCD

Semester: III

Subject: DevOps Process Automation Lab

UID: 22MCC20172

Section/Group: MCD-1/A

Date of Performance: 27th Aug 2023

Subject Code: 22CAP-745

1. Aim/Overview of the Practical.

2. Code for Practical

Step 1: Create a New Master Branch:

1. Create a new branch named 'new-master'.

Step 2: Create Two Branches (Branch 1 and Branch 2):

1. Create two new branches, 'branch-1' and 'branch-2'.

Step 3: Creating a File in the Master Branch:

1. Create a file named 'info.txt' while on the 'new-master' branch. Add content.
2. Stage and commit the file.

Step 4: Pushing to Remote Repository:

1. Push the 'new-master' branch to the remote repository.

Step 5: Clone the Repository Locally:

1. Clone the repository using its URL.

Step 6: Add a New File in 'branch-1':

1. Switch to the 'branch-1' branch

Step 7: Merge the Two Files:

1. Merge the changes from 'branch-1' into 'new-master' branch

Step 8: Checking Out Remote Repo Changes:

1. Fetch the latest changes from the remote repository
2. Check out the 'branch-1' changes in the remote repository

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MINGW64/c/Users/admin/desktop/rohit

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ git init
Initialized empty Git repository in C:/Users/admin/Desktop/rohit/.git/

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ touch info.txt

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    info.txt

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

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ git add info.txt

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ git commit -m "Rohit"
[master (root-commit) b100197] Rohit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 info.txt

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (master)
$ git branch -m main

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git remote add origin
usage: git remote add [<options>] <name> <url>

    -f, --fetch              fetch the remote branches
    --tags                  import all tags and associated objects when fetching
                           or do not fetch any tag at all (--no-tags)
    -t, --track <branch>   branch(es) to track
    -m, --master <branch>  master branch
    --mirror[=(push|fetch)] set up remote as a mirror to push to or fetch from

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git branch branch1

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git checkout main1
error: pathspec 'main1' did not match any file(s) known to git

```

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MINGW64/c/Users/admin/desktop/rohit

    -f, --fetch              fetch the remote branches
    --tags                  import all tags and associated objects when fetching
                           or do not fetch any tag at all (--no-tags)
    -t, --track <branch>   branch(es) to track
    -m, --master <branch>  master branch
    --mirror[=(push|fetch)] set up remote as a mirror to push to or fetch from

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git branch branch1

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git checkout main1
error: pathspec 'main1' did not match any file(s) known to git

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git checkout branch1
Switched to branch 'branch1'

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (branch1)
$ git clone https://github.com/Kumar-Rohit1998/Rohitgitexp1
Cloning into 'Rohitgitexp1'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 0), reused 5 (delta 0), pack-reused 0
Receiving objects: 100% (5/5), done.

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (branch1)
$ cat info.txt

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (branch1)
$ git branch branch2

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (branch1)
$ git checkout main
Switched to branch 'main'

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git merge branch1
git: 'merge' is not a git command. See 'git --help'.

The most similar command is
    merge

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$ git merge branch1
Already up to date.

admin@DESKTOP-CME44QM MINGW64 ~/desktop/rohit (main)
$

```

