KIIT@BT-2206161 MINGW64 ~

$ cd GitDemo

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git branch GitNewBranch

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git branch -a

GitNewBranch

\* main

remotes/origin/main

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git checkout GitNewBranch

Switched to branch 'GitNewBranch'

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ echo "Changes in GitNewBranch" > branchfile.txt

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ git add branchfile.txt

warning: in the working copy of 'branchfile.txt', LF will be replaced by CRLF the next time Git touches it

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ git commit -m "Add branchfile.txt in GitNewBranch"

On branch GitNewBranch

Untracked files:

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

log/

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

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ git status

On branch GitNewBranch

Untracked files:

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

log/

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

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ git checkout master

error: pathspec 'master' did not match any file(s) known to git

KIIT@BT-2206161 MINGW64 ~/GitDemo (GitNewBranch)

$ git checkout main

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 3 commits.

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

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git diff main GitNewBranch

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

**new file mode 100644**

**index 0000000..817435c**

**--- /dev/null**

**+++ b/branchfile.txt**

@@ -0,0 +1 @@

+Changes in GitNewBranch

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git difftool main GitNewBranch

Viewing (1/1): 'branchfile.txt'

Launch 'vimdiff' [Y/n]? n

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git merge GitNewBranch

Updating 110c676..a9548ae

Fast-forward

branchfile.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 branchfile.txt

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git mergetool

No files need merging

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git log --oneline --graph --decorate

\* a9548ae (**HEAD** -> **main**, **GitNewBranch**) Add branchfile.txt in GitNewBranch

\* 110c676 Add .gitignore to exclude log files and folders

\* 3545eb2 Add welcome.txt

\* 7c0f097 Add welcome.txt

\* 73f1053 (**origin/main**) Merge branch 'main' of https://gitlab.com/anjali.222-group/gitdemo

|\

| \* b19ca21 Initial commit

\* 69dfd49 Add welcome.txt

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$ git branch -d GitNewBranch

Deleted branch GitNewBranch (was a9548ae).

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$ git status

On branch main

Your branch is ahead of 'origin/main' by 4 commits.

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

Untracked files:

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

log/

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

KIIT@BT-2206161 MINGW64 ~/GitDemo (main)

$