

Tasks To Be Performed:

1. Create a Git Flow workflow architecture on Git
2. Create all the required branches
3. Starting from the feature branch, push the branch to the master, following the architecture
4. Push a urgent.txt on master using hotfix

1. Create a Git Flow workflow architecture on Git

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice
$ mkdir Assignment-5

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ echo "Initial commit" > main.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git add main.txt
warning: in the working copy of 'main.txt', LF will be replaced by CRLF the next time Git touches it

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git commit -m "Initial commit"
[master (root-commit) b893360] Initial commit
1 file changed, 1 insertion(+)
create mode 100644 main.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git branch
* master

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ |
```

2. Create all the required branches

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git branch Feature1

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git branch Feature2

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git branch Hotfix

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git branch
  Feature1
  Feature2
  Hotfix
* master

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ |
```

3. Starting from the feature branch, push the branch to the master, following the architecture

```
MINGW64/D/Devops_Training/GIT/GIT-Practice/Assignment-5
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git checkout Feature1
Switched to branch 'Feature1'
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature1)
$ touch F1.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature1)
$ ls
F1.txt  main.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature1)
$ git add F1.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature1)
$ git commit -m "Committing F1.txt"
[Feature1 ca88375] Committing F1.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 F1.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature1)
$ git checkout Feature2
Switched to branch 'Feature2'
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature2)
$ touch F2.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature2)
$ git add F2.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature2)
$ git commit -m "committing F2.txt"
[Feature2 cc61610] committing F2.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 F2.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Feature2)
$ git checkout Hotfix
Switched to branch 'Hotfix'
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Hotfix)
$ nano urgent.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Hotfix)
$ git add urgent.txt
warning: in the working copy of 'urgent.txt', LF will be replaced by CRLF the next time Git touches it
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Hotfix)
$ git commit -m "updated the solution of bug in urgent.txt"
[Hotfix 9bf110b] updated the solution of bug in urgent.txt
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
LENOVORDESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Hotfix)
$
```

27°C Mostly cloudy

MINGW64/D/Devops_Training/GIT/GIT-Practice/Assignment-5

CPU nano 8.5

solution of bug in urgent.txt

urgent.txt Modified

VS Help VS Exit AD Write Out AR Read File AF Where Is AL Replace AR Cut AR Paste AT Execute AJ Justify AC Location Z/ Go To Line M-U Undo M-E Redo M-A Set Mark M-B Copy M-J To Bracket AB Where Was M-B Previous M-F Next + Back - Forward A- Prev Word A+ Next Word

Very Humid Now

4. Push a urgent.txt on master using hotfix

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (Hotfix)
$ git checkout master
Switched to branch 'master'

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git merge Feature1 -m "Merging Feature1 into master"
Updating b893360..ca88375
Fast-forward (no commit created; -m option ignored)
 F1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 F1.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git merge Feature2 -m "Merging Feature2 into master"
Merge made by the 'ort' strategy.
 F2.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 F2.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$ git merge Hotfix -m "Merging Hotfix into master"
Merge made by the 'ort' strategy.
 urgent.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 urgent.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/Assignment-5 (master)
$
```