

## Tasks To Be Performed:

1. Create a Git working directory with feature1.txt and feature2.txt in the master branch
2. Create 3 branches develop, feature1 and feature2
3. In develop branch create develop.txt, do not stage or commit it
4. Stash this file and check out to feature1 branch
5. Create new.txt file in feature1 branch, stage and commit this file
6. Checkout to develop, unstash this file and commit
7. Please submit all the Git commands used to do the above steps

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1. Create a Git working directory with feature1.txt and feature2.txt in the master branch

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice
$ mkdir assignment-2
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice
$ cd assignment-2
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2
$ ls
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2
$
```

```
MINGW64;D:/Devops_Training/GIT/GIT-Practice/assignment-2
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2
$ git init
Initialized empty Git repository in D:/Devops_Training/GIT/GIT-Practice/assignment-2/.git/
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ touch feature1.txt feature2.txt
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ ls
feature1.txt  feature2.txt
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$
```

## 2. Create 3 branches develop, feature1 and feature2

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch
* master
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch develop
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch feature1
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch feature2
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git branch
  develop
  feature1
  feature2
* master
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ |
```

### 3. In develop branch create develop.txt, do not stage or commit it

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (master)
$ git switch develop
Switched to branch 'develop'

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ touch develop.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git status
On branch develop
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        develop.txt
        feature1.txt
        feature2.txt

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

### 4. Stash this file and check out to feature1 branch

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git stash
No local changes to save
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git checkout feature1
Switched to branch 'feature1'

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ |
```

### 5. Create new.txt file in feature1 branch, stage and commit this file

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ touch new.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ ls
develop.txt  feature1.txt  feature2.txt  main.txt  new.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ git add new.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ git commit -m "add new.txt"
[feature1 4bbf67d] add new.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 new.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$
```

### 6. Checkout to develop, unstash this file and commit

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (feature1)
$ git checkout develop
Switched to branch 'develop'

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git stash pop
No stash entries found.

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$
```

```
LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git add develop.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$ git commit -m "add develop.txt"
[develop 8ab8d81] add develop.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt

LENOVO@DESKTOP-37VQKQ3 MINGW64 /D/Devops_Training/GIT/GIT-Practice/assignment-2 (develop)
$
```