

Module-2: GIT Assignment - 2

Do the following tasks:

- Create a git working directory with feature1.txt and feature2.txt in the master branch
- Create 3 branches develop, feature1 and feature2
- In develop branch create develop.txt, do not stage or commit it
- Stash this file, and checkout to feature1 branch
- Create new.txt file in feature1 branch, stage and commit this file
- Checkout to develop, unstash this file and commit

Please submit all the git commands used to do the above steps

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hariharan@hariharan-home-pc:~/m2-a2-git-repo$ mkdir m2-a2-git-repo/
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo$ cd m2-a2-git-repo/
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/hariharan/m2-a2-git-repo/m2-a2-git-repo/.git/
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git branch -m main
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ touch feature1.txt feature2.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git add .
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git commit -m "First commit."
[main (root-commit) 7cdfea9] First commit.
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git branch develop
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git branch feature1
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git branch feature2
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git checkout develop
Switched to branch 'develop'
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ touch develop.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git stash
No local changes to save
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git checkout feature1
Switched to branch 'feature1'
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ touch new.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git add new.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git commit -m "Added new.txt into branch feature1"
[feature1 016dd84] Added new.txt into branch feature1
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 new.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git checkout develop
Switched to branch 'develop'
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git stash pop
No stash entries found.
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git add develop.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git commit -m "Added develop.txt into branch develop"
[develop 988e8ef] Added develop.txt into branch develop
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 develop.txt
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$ git status
On branch develop
nothing to commit, working tree clean
(base) hariharan@hariharan-home-pc:~/m2-a2-git-repo/m2-a2-git-repo$

```

1. Execute the commands in the order as typed to achieve the outcomes of this assignment.

Please note that in the “git stash” command there will be no file stashed since the file “develop.txt” was not staged/added beforehand.

Likewise, “git stash pop” will not return anything since the file was not stashed.