

## **AWS Solutions Architect Certification Training**

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### **DevOps-Module-02 Git-Assignment-2 COMPLETED by Nagesha KS**

**Please check the following screenshots for each question.**

#### **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

MINGW64/c:/Users/My/nagesha-devops-project/nag/git-project

```
Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ pwd
/c:/Users/My/nagesha-devops-project/nag

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ mkdir git-project

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ cd git-project

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)
$ pwd
/c:/Users/My/nagesha-devops-project/nag/git-project

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)
$ git init
Initialized empty Git repository in C:/Users/My/nagesha-devops-project/nag/git-project/.git/

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)
$ touch feature1.txt feature2.txt

Nagesha K 3@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)
$ git add feature1.txt feature2.txt
```

A screenshot of a Windows terminal window titled "MINGW64/c:/Users/My/nagesha-devops-project/nag/git-project". The terminal shows a series of Git commands being executed by a user named Nagesha K. The commands include setting global user email and name, committing two new files (feature1.txt and feature2.txt) to the master branch, and several subsequent empty commit attempts. The output shows the successful creation and commit of the two files, followed by messages indicating no changes were detected for the subsequent commits. An "Activate Windows" watermark is visible in the bottom right corner of the terminal window.

```
config  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$ git config --global user.email "nag9516@gmail.com"  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$ git config --global user.name "Nagesha"  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$ git commit -m "Add feature1.txt and feature2.txt to master branch"  
[master (root-commit) 9565f55] Add feature1.txt and feature2.txt to master branch  
2 files changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 feature1.txt  
create mode 100644 feature2.txt  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
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Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
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Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$  
  
Nagesha K SDESKTOP-CF6IM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
$
```

Activate Windows  
Go to Settings to activate Windows.

MINGW64/c/Users/My/nagesha-devops-project/nag/git-project

```
create mode 100644 feature1.txt
create mode 100644 feature2.txt
```

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch develop

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch feature1

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch feature2

Nagesha K SRDESKTOP-CFRH4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Activate Windows  
Go to Settings to activate Windows.

00:03  
29-08-2024

MINGW64: c:/Users/My/nagesha-devops-project/nag/git-project

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch develop

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch feature1

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git branch feature2

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (master)  
\$ git checkout develop  
Switched to branch 'develop'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (develop)  
\$ touch develop.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (develop)  
\$ pwd  
/c:/Users/My/nagesha-devops-project/nag/git-project

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (develop)  
\$ git stash  
No local changes to save

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (develop)  
\$ git checkout feature1  
Switched to branch 'feature1'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)  
\$ pwd  
/c:/Users/My/nagesha-devops-project/nag/git-project

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)  
\$

Activate Windows  
Go to Settings to activate Windows.



00:05  
29-08-2024

MINGW64:/c/Users/My/nagesha-devops-project/nag/git-project

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ pwd
/c/Users/My/nagesha-devops-project/nag/git-project
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ ls -l
total 0
-rw-r--r-- 1 Nagesha K S 197121 0 Aug 29 00:04 develop.txt
-rw-r--r-- 1 Nagesha K S 197121 0 Aug 28 23:55 feature1.txt
-rw-r--r-- 1 Nagesha K S 197121 0 Aug 28 23:55 feature2.txt
-rw-r--r-- 1 Nagesha K S 197121 0 Aug 29 00:05 new.txt
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ git add new.txt
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ git commit -m "Add new.txt to feature1 branch"
[feature1 e5fccfa] Add new.txt to feature1 branch
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 new.txt
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ checkout develop
bash: checkout: command not found
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ git stash pop
No stash entries found.
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ git add develop.txt
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$ git commit -m "Add develop.txt to develop branch"
[feature1 9ed086d] Add develop.txt to develop branch
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 develop.txt
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag/git-project (feature1)
$
```

Activate Windows  
Go to Settings to activate Windows.

00:07  
29-08-2024

## Summary of Git Commands

```
mkdir git-project
cd git-project
git init
touch feature1.txt feature2.txt
git add feature1.txt feature2.txt
git commit -m "Add feature1.txt and feature2.txt to master branch"
git branch develop
git branch feature1
git branch feature2
git checkout develop
touch develop.txt
git stash
git checkout feature1
touch new.txt
git add new.txt
git commit -m "Add new.txt to feature1 branch"
git checkout develop
git stash pop
git add develop.txt
git commit -m "Add develop.txt to develop branch"
```