

AWS Solutions Architect Certification Training

support@intellipaat.com - +91-7022374614 - US: 1-800-216-8930 (Toll Free)

DevOps-Module-02 Git-Assignment-4 COMPLETED by Nagesha KS

Please check the following screenshots for each question.

Tasks To Be Performed:

1. Put master.txt on master branch, stage and commit
2. Create 3 branches: public 1, public 2 and private
3. Put public1.txt on public 1 branch, stage and commit
4. Merge public 1 on master branch
5. Merge public 2 on master branch
6. Edit master.txt on private branch, stage and commit
7. Now update branch public 1 and public 2 with new master code in private
8. Also update new master code on master
9. Finally update all the code on the private branch

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ ls -l
total 4
drwxr-xr-x 1 Nagesha K 5 197121 0 Aug 29 00:05 git-project-1/
drwxr-xr-x 1 Nagesha K 5 197121 0 Aug 29 00:45 git-project-2/

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

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ echo "This is the master file." >master.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git add master.txt
warning: in the working copy of 'master.txt', LF will be replaced by CRLF the ne
xt time Git touches it

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git commit -m "Add master.txt on the master branch"
[master (root-commit) 91436ee] Add master.txt on the master branch
1 file changed, 1 insertion(+)
 create mode 100644 master.txt

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

Activate Windows
Go to Settings to activate Windows.



19:09
29-08-2024

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git checkout -b public-1
Switched to a new branch 'public-1'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git checkout -b public-2
Switched to a new branch 'public-2'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ git checkout -b private
Switched to a new branch 'private'

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

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

Activate Windows
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19:12
29-08-2024

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git checkout public-1
Switched to branch 'public-1'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ echo "This is the public1 branch file." >public1.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git add public1.txt
fatal: pathspec 'public1.txt' did not match any files

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git add public1.txt
warning: in the working copy of 'public1.txt', LF will be replaced by CRLF the n
ext time Git touches it

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git commit -m "Add public1.txt on public-1 branch"
[public-1 a5e4b7c] Add public1.txt on public-1 branch
1 file changed, 1 insertion(+)
create mode 100644 public1.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ |
```

Activate Windows
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19:14
29-08-2024

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git checkout master
Switched to branch 'master'
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git merge public-1 -m "Merge public-1 into master branch"
Updating 91436ee..a5e4b7c
Fast-forward (no commit created; -m option ignored)
 public1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 public1.txt
```

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

Activate Windows
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19:16
29-08-2024

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git checkout public-2
Switched to branch 'public-2'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ git merge master -m "Update public-2 with the latest from master"
Updating 91436ee..a5e4b7c
Fast-forward (no commit created; -m option ignored)
 public1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 public1.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ git checkout master
Switched to branch 'master'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git merge public-2 -m "Merge public-2 into master branch"
Already up to date.

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

Activate Windows
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19:17
29-08-2024

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

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

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (private)
$ echo "This is an updated master file in the private branch.">master.txt

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (private)
$ git add master.txt
warning: in the working copy of 'master.txt', LF will be replaced by CRLF the ne
xt time Git touches it

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (private)
$ git commit -m "Edit master.txt on private branch"
[private 4c0c4ed] Edit master.txt on private branch
1 file changed, 1 insertion(+), 1 deletion(-)

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

Activate Windows
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19:19
29-08-2024

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

```
nagesha & SMOESKTOP-CF6PM4L MINGW64 ~/nagesha-devops-project/nag (private)
$ git checkout public-1
Switched to branch 'public-1'

nagesha & SMOESKTOP-CF6PM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git merge private -m "Update public-1 with changes from private"
Merge made by the 'ort' strategy.
 master.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

nagesha & SMOESKTOP-CF6PM4L MINGW64 ~/nagesha-devops-project/nag (public-1)
$ git checkout public-2
Switched to branch 'public-2'

nagesha & SMOESKTOP-CF6PM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ git merge private -m "Update public-2 with changes from private"
Merge made by the 'ort' strategy.
 master.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

nagesha & SMOESKTOP-CF6PM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ |
```

Activate Windows
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19:20
29-08-2024

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

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (public-2)
$ git checkout master
Switched to branch 'master'
```

```
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git merge private -m "Update master with changes from private"
Merge made by the 'ort' strategy.
 master.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
```

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

Activate Windows
Go to Settings to activate Windows.



19:21
29-08-2024

```
MINGW64/c/Users/My/nagesha-devops-project/nag
Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (master)
$ git checkout private
Switched to branch 'private'

Nagesha K S@DESKTOP-CF6HM4L MINGW64 ~/nagesha-devops-project/nag (private)
$ git merge master -m "Update private with changes from master"
Updating 4c0c4ed..62090fd
Fast-forward (no commit created; -m option ignored)
 public1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 public1.txt

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

Activate Windows
Go to Settings to activate Windows.

Git Commands

git init

echo "This is the master file." > master.txt

git add master.txt

git commit -m "Add master.txt on the master branch"

```
git checkout -b public-1
git checkout -b public-2
git checkout -b private
git checkout master
```

```
git checkout public-1
echo "This is the public1 branch file." > public1.txt
git add public1.txt
git commit -m "Add public1.txt on public-1 branch"
```

```
git checkout master
git merge public-1 -m "Merge public-1 into master branch"
```

```
git checkout public-2
git merge master -m "Update public-2 with the latest from master"
git checkout master
git merge public-2 -m "Merge public-2 into master branch"
```

```
git checkout private
echo "This is an updated master file in the private branch." > master.txt
git add master.txt
git commit -m "Edit master.txt on private branch"
```

```
git checkout public-1
git merge private -m "Update public-1 with changes from private"
git checkout public-2
git merge private -m "Update public-2 with changes from private"
```

```
git checkout master
git merge private -m "Update master with changes from private"
```

```
git checkout private
```

```
git merge master -m "Update private with changes from master"
```