**Git Project**

Open the Git Bash terminal

Created the DevOps folder using **mkdir DevOps**

I went into the folder using **cd DevOps**

In order to initialize my repository, I used the **git init command**

Following that, I created a file (index-txt) using **touch index.txt**

The file was updated by using the command vi index.txt

Once the file has been updated, press the following buttons to save and come out of the file

Esc : ↑w q ENTER.

In order to confirm what you have written into the file, use the ‘cat’ command **cat index.txt**

To update the staging area, use  **git add .**

**Before you can commit your changes to git, you have to config it using the following commands**

**git config --global user.email "you@example.com"**

**git config --global user.name "Your Name"**

Replace email and user name with your git email and git user name.

Commit your changes to git using the command **git commit -m "intial commit"**

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The -m flag is used to provide a commit message.

To make a new branch, I used the command **git checkout -b my-new-branch** (inserted the name of my new branch called my-vine-branch)

To check the list of branches I have created, command used was **git branch**

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If I have to check out from one branch to another, the command to use is **git checkout (branch-name)**

To merge a branch into another branch e.g. branch A (my-vine-branch) to branch B (blessed-branch), go into branch A and then run this command **git merge B**

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To delete a branch, you will run the command git branch -d <branch\_name>

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As you can see above, once the -d flag command to delete has been executed, the numbers of branches have been reduced from 2 to 1.