**GIT ASSIGNMENT**

**Question 2**

Step 1: Clone the repository you have created in GitHub.

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Step 2: Create a new branch using the command.

Navigate into the cloned repository directory using the command line.

Run the following command to create a new branch:

Syntax :- git checkout -b new-branch

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Step 3: Switch to the new branch.

We can switch to it using the following command:

Syntax :- git checkout new-branch

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Step 4: Make some changes to the code in your local copy of the repository.

Create new program and run it

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Step 5: Commit changes to the new branch.

Run below command for committing these changes.:-

Syntax:- git add .

git commit -m "Your commit message".

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Step 6: Switch back to the original branch

We can run using the following command:

Syntax:- git checkout original-branch

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Step 7: Merge the new branch.

Once we're on the original branch, we can merge the changes from the new branch into it using the following command:

Syntax:- git merge new-branch

This command will merge the changes from the "new-branch" into the current branch

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Step 8: Push changes to the original branch

Finally, we can push the changes from the original branch to the remote repository using the following command:

Syntax :- git push origin original-branch

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