**GIT & GITHUB**

**NAME:** Neev Shah

**USN:** 22BTRCL107

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**MY GITHUB PROFILE LINK:**

<https://github.com/neev493>

<https://github.com/neev493/hello-world.git> (*My hello-world Github repo*)

**GitHub Account and Repository Setup**

* Create a GitHub account and personalize your profile by adding a bio, a profile picture, and any other details you see fit.
* Start a new repository named "hello-world". Make sure to initialize it with a README file.

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**GitHub Features Exploration**

* In your "hello-world" repository, create a new branch named "feature".
* Add a new file to this branch called "about\_me.txt" that contains a few lines about what you are learning in this internship.

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* Open an issue in your repository discussing one thing you found confusing or interesting about AIML.

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**Git Basics**

* Clone your "hello-world" repository to your local machine.
* Make a change locally in the "about\_me.txt" file by adding more details or modifying the existing text.
* Commit your changes locally and then push them to your "feature" branch on GitHub.
* Create a pull request to merge the changes from "feature" branch to the main branch on GitHub, and then merge it.
* Pull the latest changes from your GitHub repository to your local repository to ensure it is up to date.

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**Advanced Git Features**

* In your local "hello-world" repository, prepare a minor release of your project. Incrementally update your "about\_me.txt" to include a new section about your goals.
* Tag this new version of your project (e.g., v1.1) using Git tagging and push the tag to GitHub.
* Make some changes to "about\_me.txt" but before committing, simulate a scenario where you need to switch branches to work on something else.
* Use git stash to save your uncommitted changes temporarily. Switch branches, then come back and reapply your stashed changes.

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