**Creating a GIT repository and adding Folders**

**Prequisite :**

* GIT installed on your device.
* Basic knowledge of terminal.

**Step 1 : Create a New Repository :**

1. Open your Terminal (command prompt, terminal, powershell etc.)
2. Navigate to the directory where you want to create your repository using the “cd” command.

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1. Once you are in the desired directory, first you need to intialize the Git. For this, run the following command to initialize the new Git repositry as shown below :

$ cd /path/to/my/codebase

$ git init **(1)**

1. A new sub-directory named .git is created in your project directory, which indiactes that a new Git repository has been intialized.

**Step 2 : Create Folders within the repository :**

To create folders within the Git repository we will use the command line, as Git does not track empty folders.

Below are the steps you need to follow to make sure that the folders are created and are tracked by the Git :

1. Navigate to your repository’s root directory if you are not already there :

$ cd /

1. Create the first folder named “Assingment 1” using the following command :

mkdir nameOfFolder

1. To ensure that the Git tracks the folder, add a file inside it. Common practice is to create an empty file i.e .gitkeep file.
2. Repeat the steps 2 and 3 for the creation of second folder named “Assignment 2”.

**Step 3 : Adding Folder to the Repository :**

1. To add the Folder to the Git repository use the git add command as shown :
2. git add .
3. To commit these changes, use the following command :
4. git commit -m "Added new folders to repository"

This command commits the changes along with the message what was done.