Week 1 | Assignment 1 | Git and IntelliJ Assignment | By: Ankita Mohan

Q1. What is the use of the git add command?
Ans1.
The "git add" command is used to stage changes (new or modified files) to be included in the next commit. It prepares your files for committing to the Git repository.

Q2. Write the command to create a branch "feature-group".
Ans 2.
The command to create a branch "feature-group" in the Git repository is as follows:
git branch feature-group

Q3. What is a pull request? Write the steps involved in creating a pull request.
Ans 3.
A pull request is a way to propose changes from one branch to another in a GitHub repository.
To create it: push your changes to a branch, go to the GitHub repo, click "Compare & pull request", add a description, and click "Create pull request".

Q4. How do you add collaborators?
Ans 4.
Go to your GitHub repository → click on "Settings" → "Collaborators and teams" → then add the GitHub username and send the invitation. Once accepted, the person becomes a collaborator and can contribute to the repo.

Q5. What is the command used to commit our changes in github repo?
Ans 5.
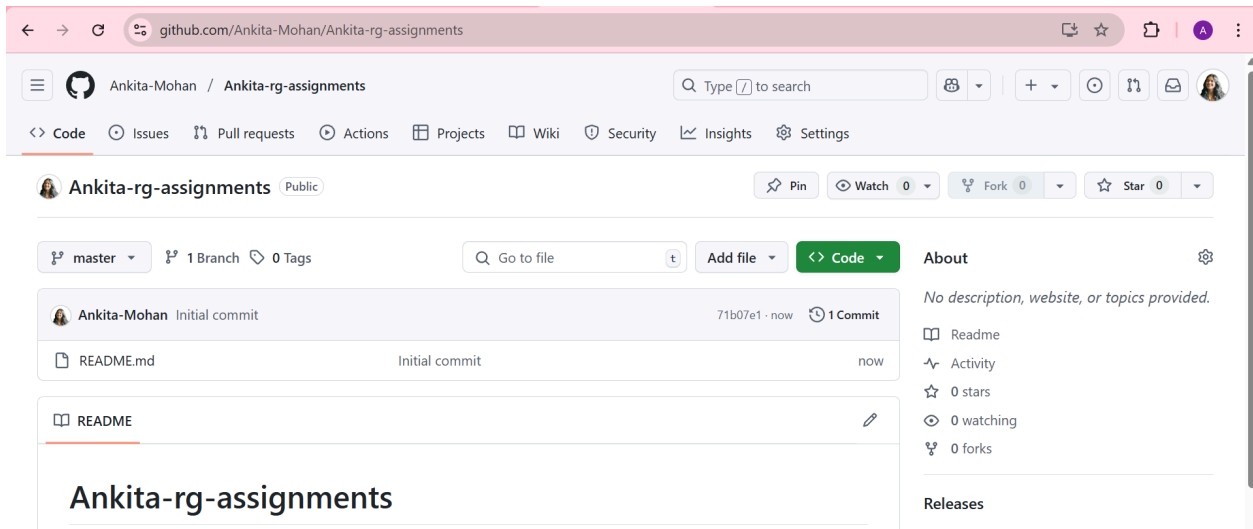The command used to commit our changes in github repo is as follows:
git commit -m "commit message"

Q6. Create a GitHub account and repository to save all your assignment tasks. Example repository name: rg-assignments
Ans 6.
Sign up on GitHub, then click New Repository and name it Ankita-rg-assignments.
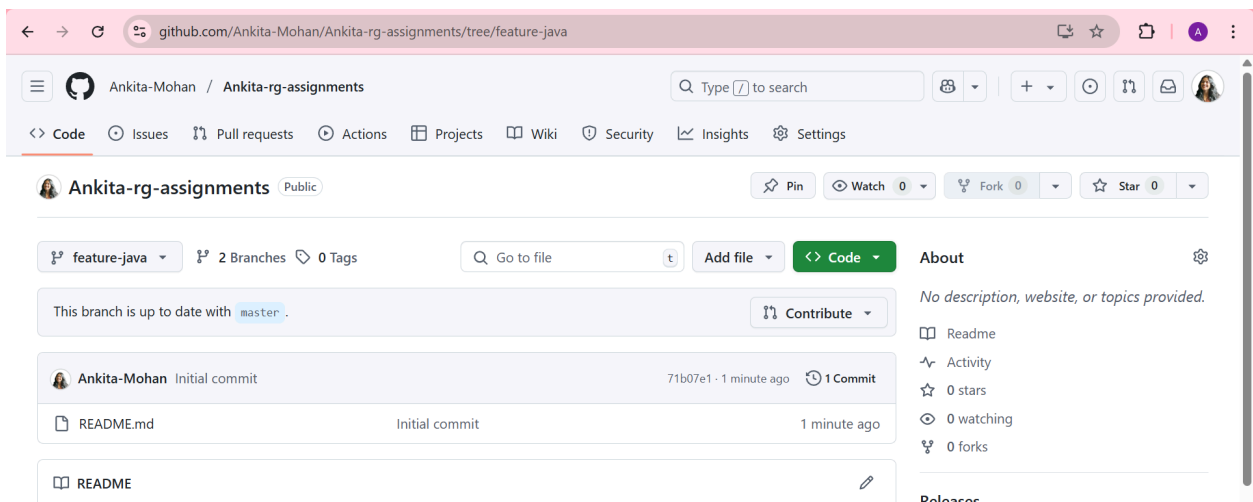You can now push your assignment files to this repository from your local machine.

Q7. Create a branch called feature-java(you can use it later to push all your Java-related tasks to this branch)
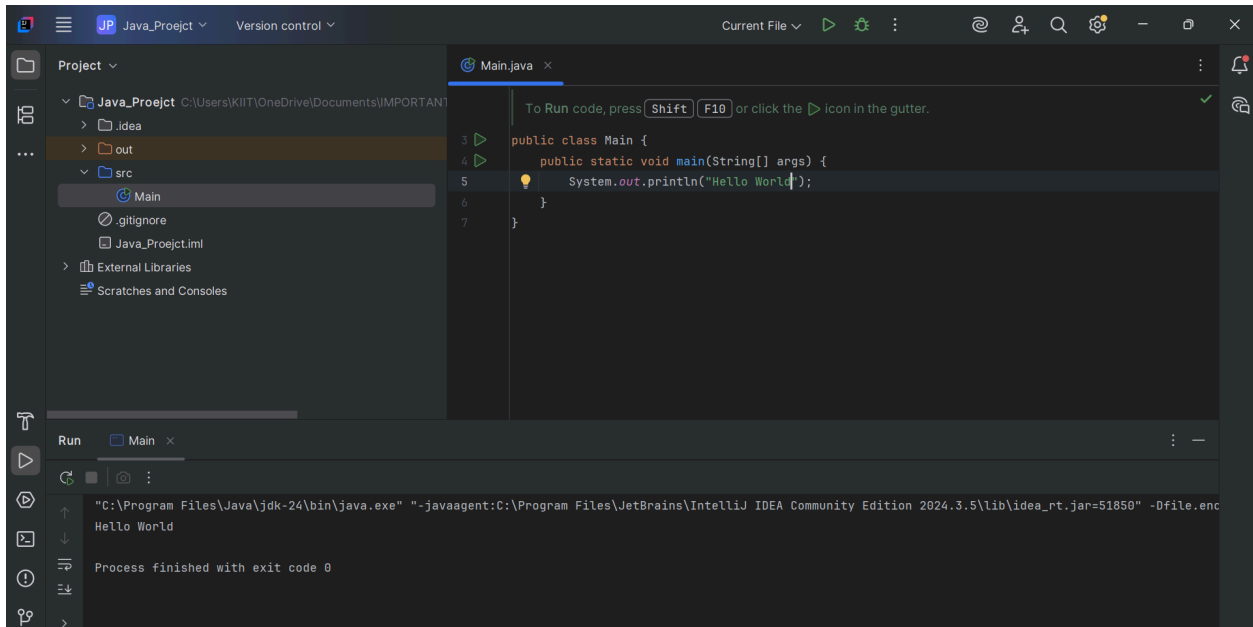
Ans 7.

Use the command given below:

git checkout -b feature-java

Q8. Install IntelliJ IDE. Create a simple Java project displaying "Hello World!!" and share the screenshot.

Ans 8.

Q9. IntelliJ IDE, explore the shortcut keys for the following
- To run the project
- To select a line
- To comment/uncomment a line
- To delete a line

Ans 9.
- To run the project – **Shift + F10**
- To select a line – Home → **Shift + End or Shift + Right/Left Arrow**
- To comment/uncomment a line – **Ctrl + / (Windows/Linux) or Cmd + / (Mac)**
- To delete a line – Ctrl + Y **(Windows/Linux) or Cmd + Backspace (Mac)**