Week 1 | Assignment 1 | Git and IntelliJ | By: Sanya Dureja

Q1. What is the use of the git add command?

Ans1.
The git add command is used to stage changes in your files before committing them. It tells Git to include the updates in the next commit.

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 you've made in a branch to be merged into another branch (usually main) on GitHub.

Steps to create a PR are as follows:
Push your branch → Go to GitHub → Click "Compare & Pull Request" → Add title and description → Click "Create Pull Request".

Q4. How do you add collaborators?

Ans 4.
- Go to your repository on GitHub → Click on Settings → Collaborators → Add GitHub usernames.
- Collaborators will get an invite and can edit your repo once they accept it.

Q5. What is the command used to commit our changes in github repo?

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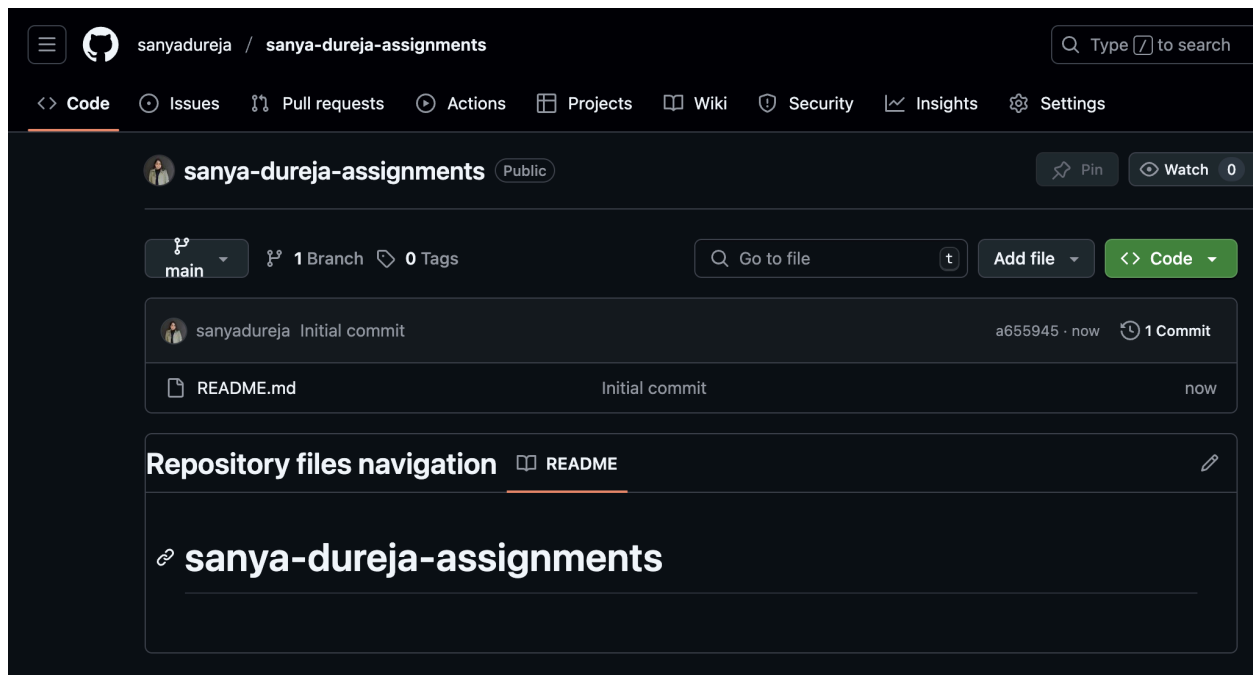The command used to commit our changes in github repo is as follows:
git commit -m "your commit message"

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 rg-assignments.
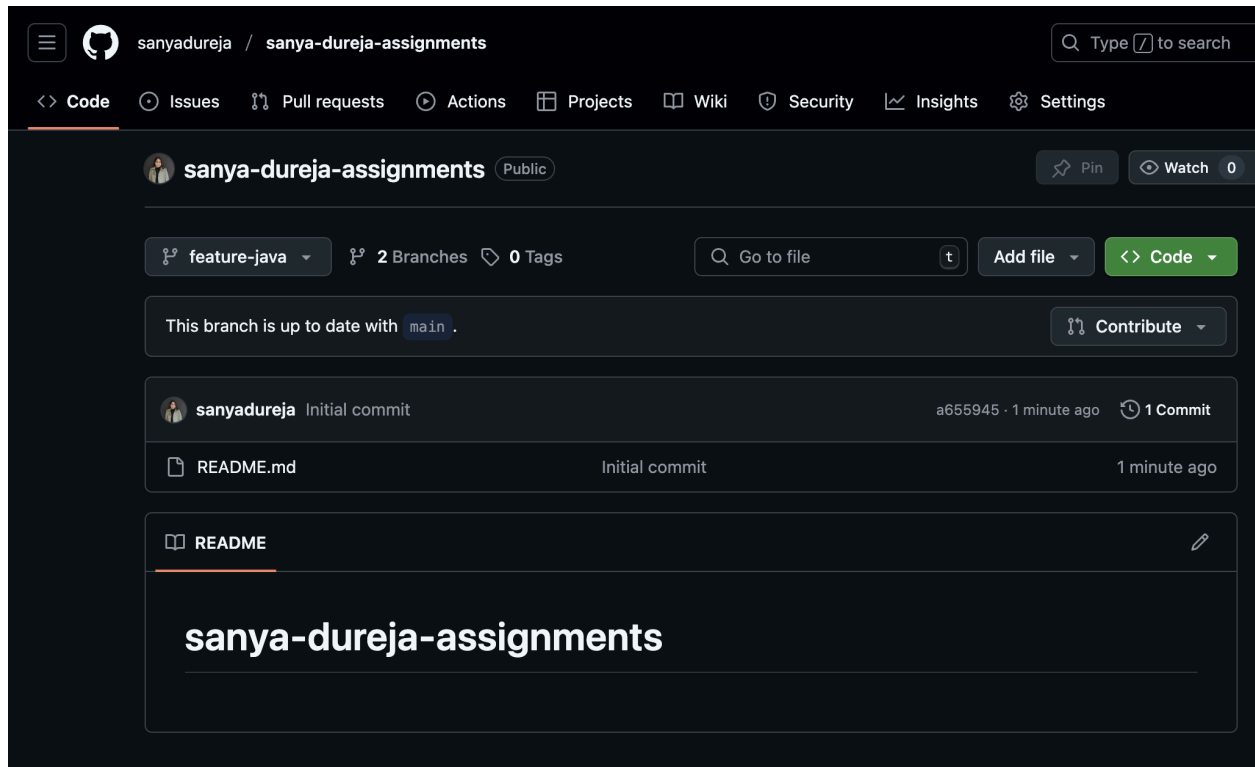You can now push your assignment files to this repository from your local machine.

Q7. Create a branch called feature-java(you can use it later to push all your Java-related tasks to this branch)
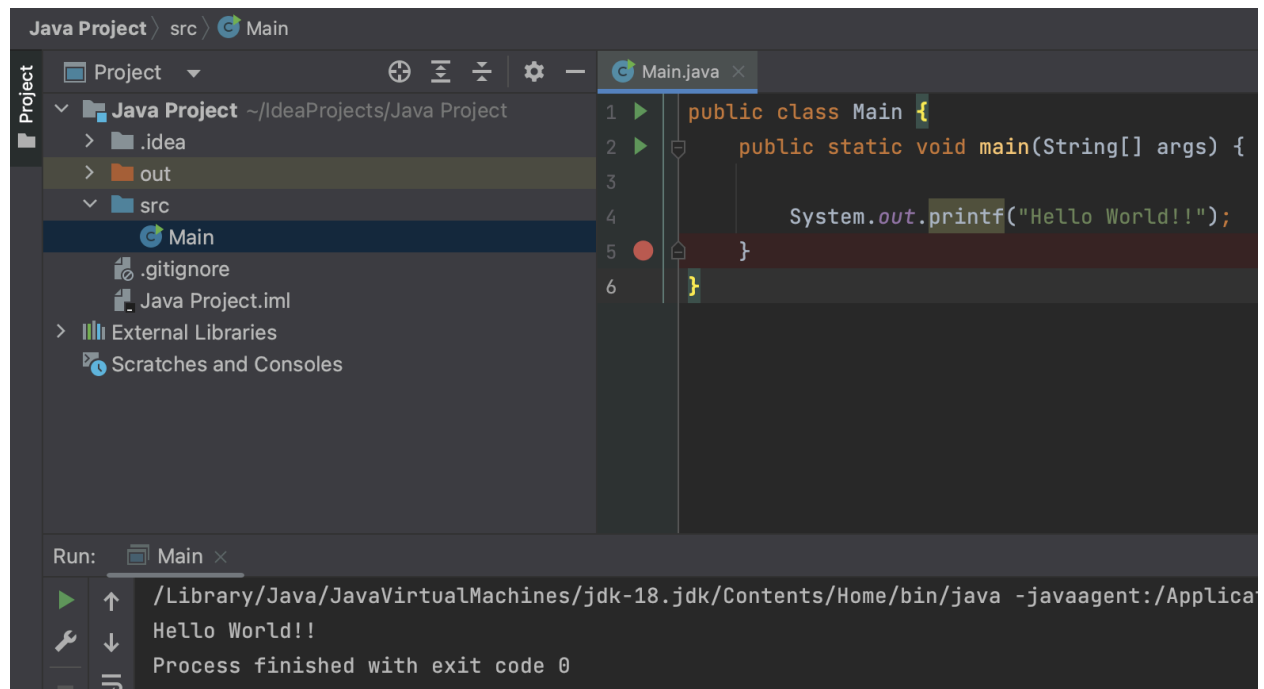
Ans 7.
Use the command given below:
git branch feature-java

This will create a separate branch for Java tasks without affecting the main branch.

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)**