

Week 1, Assignment 1 :

Task 1:

Github Link - <https://github.com/DebangshuSaha2002/rg-assignments.git>

Task 2:

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

-> The git add command is used to **stage changes** so they are ready to be committed. It tells Git to include the changes in the next commit.

2. Write the command to create a branch "feature-group".

-> git branch feature-group

This command creates a new branch named **feature-group** in our local repository.

3. What is a pull request? Write the steps involved in creating a pull request.

-> A pull request (PR) is a request to merge the branch changes into another branch, usually the main branch.

Steps: Push your branch to GitHub → Go to the repository → Click "Compare & pull request" → Add title/description → Click "Create pull request".

4. How do you add collaborators?

-> Go to your GitHub repository → Click on "Settings" → "Collaborators" → "Add people". Enter the collaborator's GitHub username or email and click "Add".

5. What is the command used to commit our changes in a GitHub repo?

-> git commit -m "Your commit message"

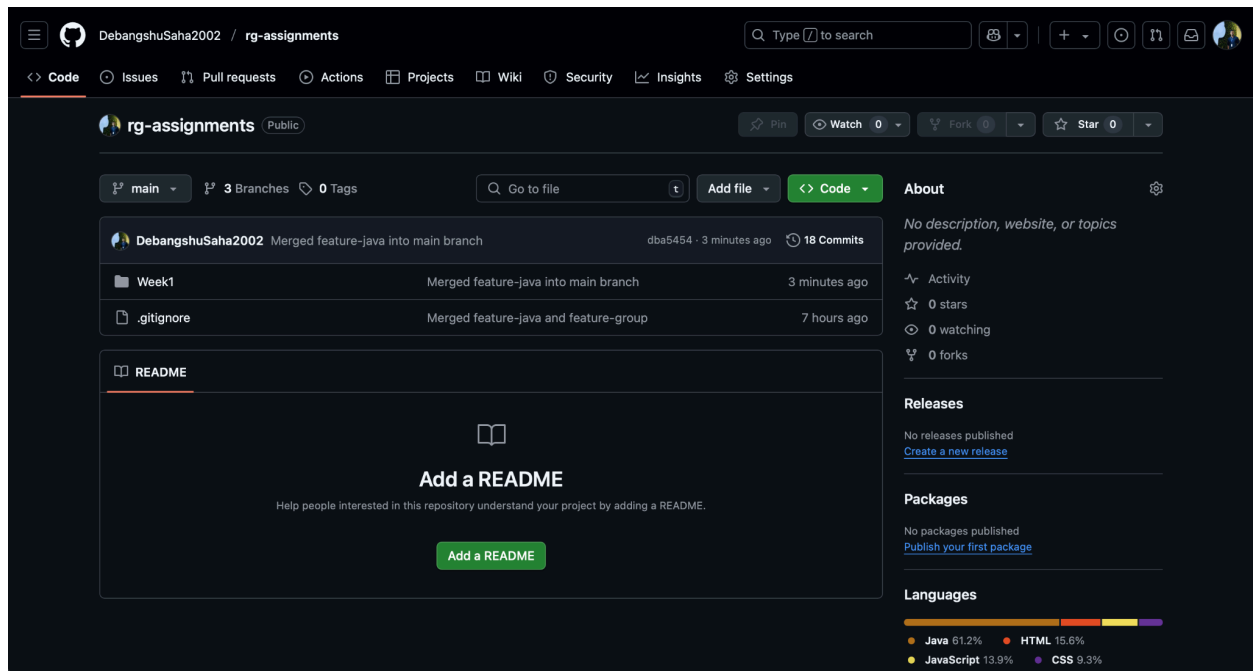
This command saves the staged changes to your local repository with a message describing the Changes.

6. Create a GitHub account and repository to save all your assignment tasks. Example repository name: rg-assignments

-> Sign up at <https://github.com/> and click "New repository" to create one named **rg-assignments**.

Repo Link - <https://github.com/DebangshuSaha2002/rg-assignments.git>

Screenshot:



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

-> `git branch feature-java` (Used to create the feature-java branch)

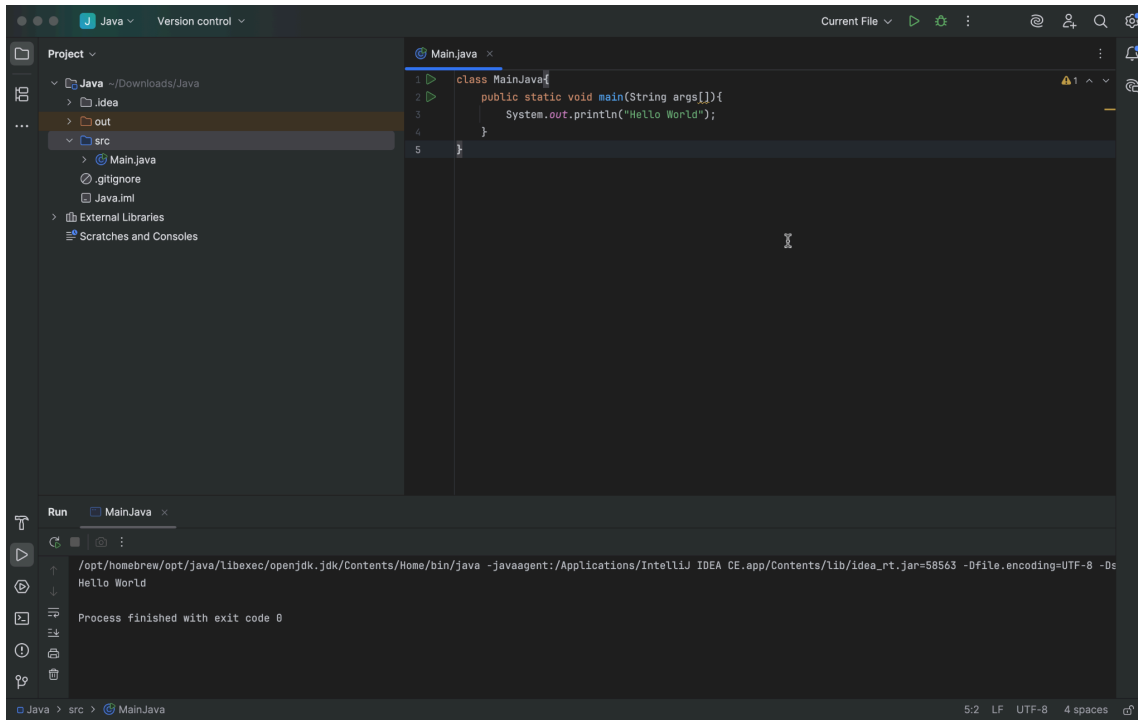
You can switch to this branch using:

`git checkout feature-java`

8. Install IntelliJ IDE. Create a simple java project displaying “Hello World!!” and share the screenshot.

-> Download and install IntelliJ IDE from the official website.

Screenshot:



9. In IntelliJ IDE, explore the shortcut keys for the following:

Action	Windows Shortcut	Mac Shortcut
To run the project	Shift + F10	Control + R
To select a line	Ctrl + W	Command + W
To comment/uncomment a line	Ctrl + /	Command + /
To delete a line	Ctrl + Y	Command + Backspace