Git & IntelliJ Assignment

1. What is the use of the git add command?
   The **git add** command is used to stage changes in your files before committing them. It tells Git which changes you want to include in your next commit.

2. Write the command to create a branch "feature-group".
   The command to create a branch named feature-group is:
   git branch feature-group

3. What is a pull request? Write the steps involved in creating a pull request.
   A pull request is a way to propose changes you've made in a branch to be merged into another branch in a Git repository.

   Steps to create a pull request:

   1. Push your branch with changes to the remote repository.
   2. Go to the repository on GitHub.
   3. Click "Compare & pull request" next to your branch.
   4. Add a title and description explaining your changes.
   5. Click "Create pull request" to submit it for review.

4. How do you add collaborators?
   To add collaborators to a GitHub repository:

   1. Go to your repository on GitHub.
   2. Click on Settings > Collaborators and teams.
   3. Click Invite a collaborator, enter their GitHub username or email, and click Add.
   4. They will receive an invitation which they must accept to gain access.

   This feature requires you to have admin rights on the repository.

5. What is the command used to commit our changes in github repo?
   The command to commit changes in a GitHub (or any Git) repository is:
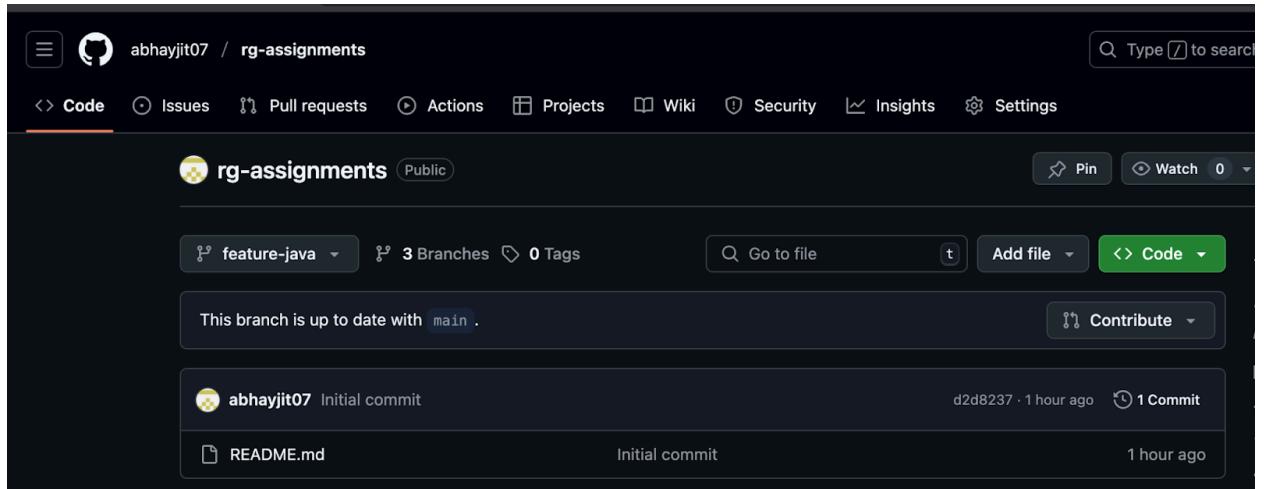   **git commit -m "Your commit message here"**
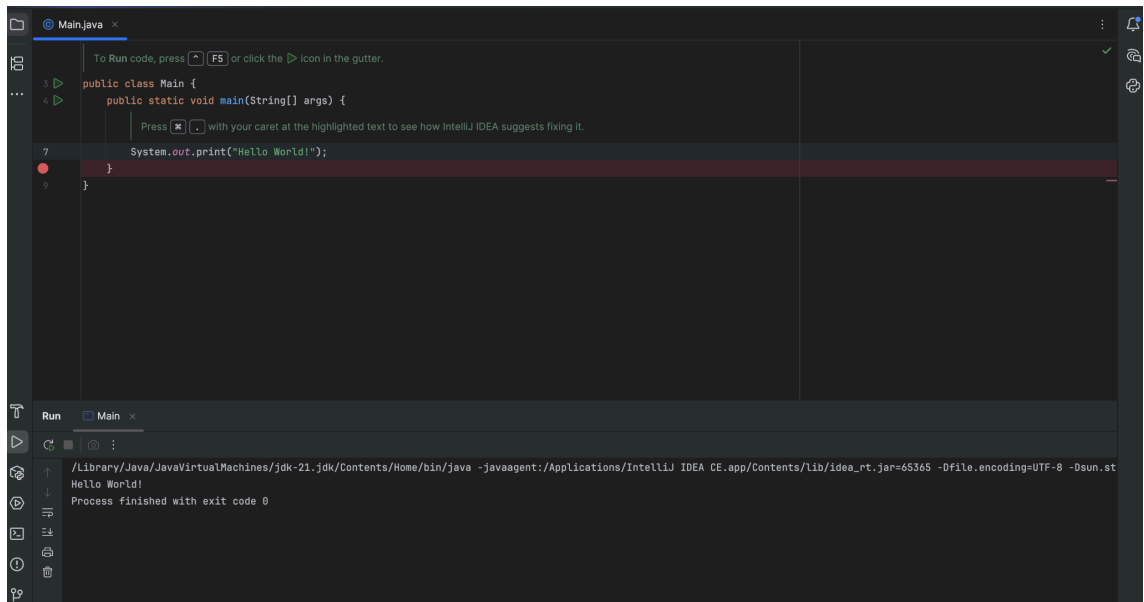   This saves changes with a descriptive message, ready to be pushed to GitHub.

6. Create a github account and repository to save all your assignment tasks. Example repository name: rg-assignments
   https://github.com/abhayjit07/rg-assignments

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

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

9. In IntelliJ IDE, explore the shortcut keys for the following
    a. To run the project
    b. To select a line
    c. To comment/uncomment a line
    d. To delete a line

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a. To Run the Project

- `Control + R`

b. To Select a Line

- `Command + Shift + Right`

c. To Comment/Uncomment a Line

- `Command + /`

d. To Delete a Line

- `Command + Delete`