Assessment2: **Git & IntelliJ**

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

   It takes files from the working directory and places them in the staging area, which are then included in the next commit. This allows just selected changes to be included in the commit.

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

   git branch feature-group

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

   It's a way to request to merge changes from one branch into another branch and when a pull request is raised other developers can review the proposed changes, compare the branches and add comments suggesting modifications.

   Steps:
   Create a new branch
   Commit changes to it
   Push the branch to the remote repo(Github)
   Go to the "Pull requests" tab of this github remote repo
   Click "New pull request" button
   Select "base" and "compare" branch
   Click "Create pull request" button
   Add "title" and "description"
   Click "Create pull request" button for the final submission

4. How do you add collaborators?

   Open remote github repo
   Go to the "settings" tab
   Under "access" section go to "collaborators" section
   Click on "add people"
   Enter the details of the person and click add
   The person receives an invitation to collaborate

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

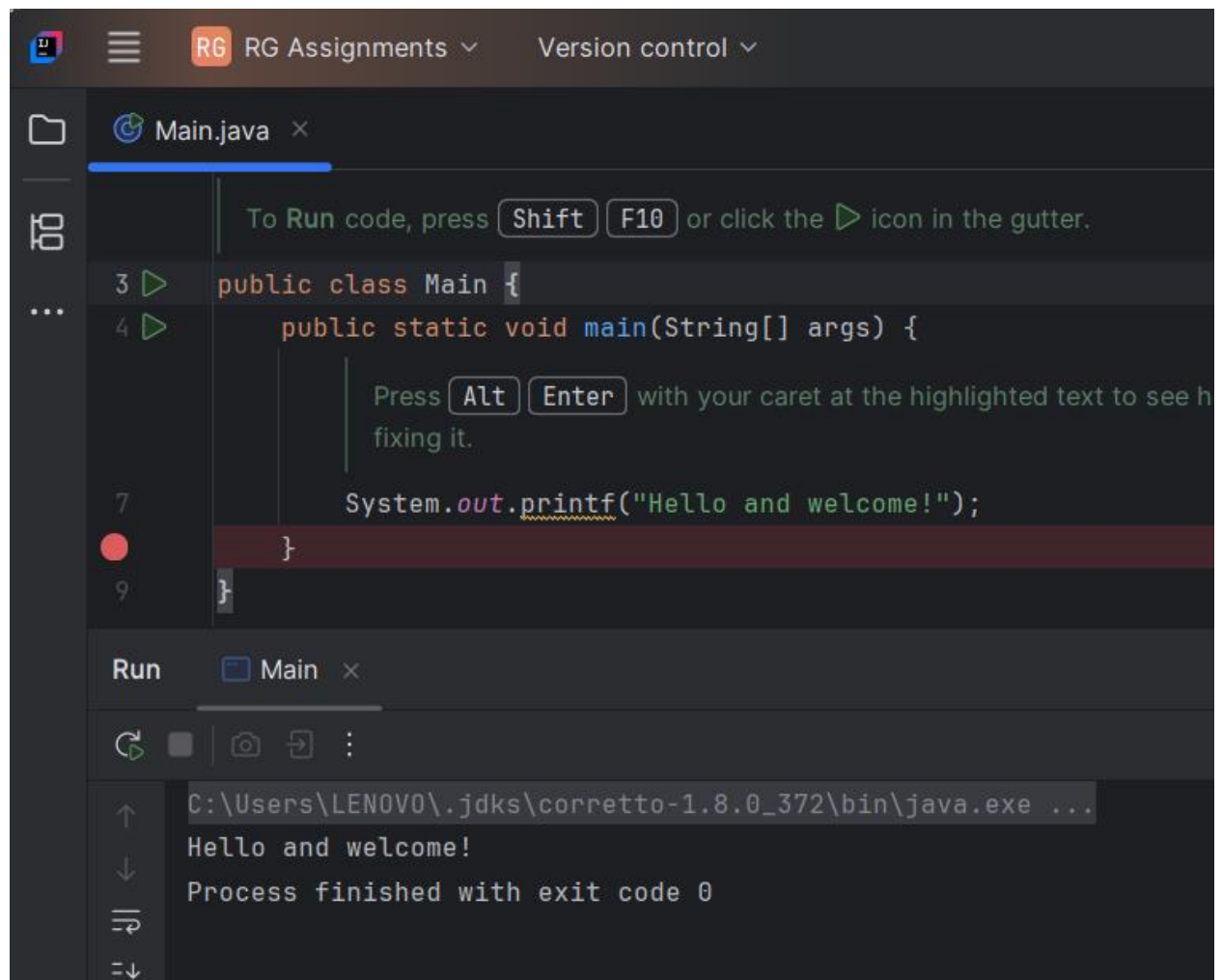   git commit -m "commit message"

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

Created

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

Created

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 => Shift + F10
    b. To select a line => Ctrl + W
    c. To comment/uncomment a line => Ctrl + / or Ctrl + Shift + /
    d. To delete a line => Ctrl + Y