

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

The **git add** is used to stage changes in your working directory before committing. It tells Git which files you want to include in your next 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.

A pull request is a way to propose changes to a repository, typically from a developer's branch to the main branch, and to facilitate review and discussion of those changes before they are integrated.

Steps:

1. Clone the repository
2. Create a new branch
3. Make changes
4. Commit changes
5. Push Branch
6. Go to the repository on Github and click “Compare and Pull request”
7. Add title and description
8. Click “Create pull request” to submit it for review

4. How do you add collaborators?

Go to your GitHub repository → Click on "Settings" → Select "Collaborators".
Enter the GitHub username or email and click "Add collaborator".

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

Creation of Github account

1. Go to <https://github.com>
2. Click the “Sign up” button.
3. Enter the required details(username, email and password)
4. Complete the verification process
5. Choose the free plan and finish the account setup.

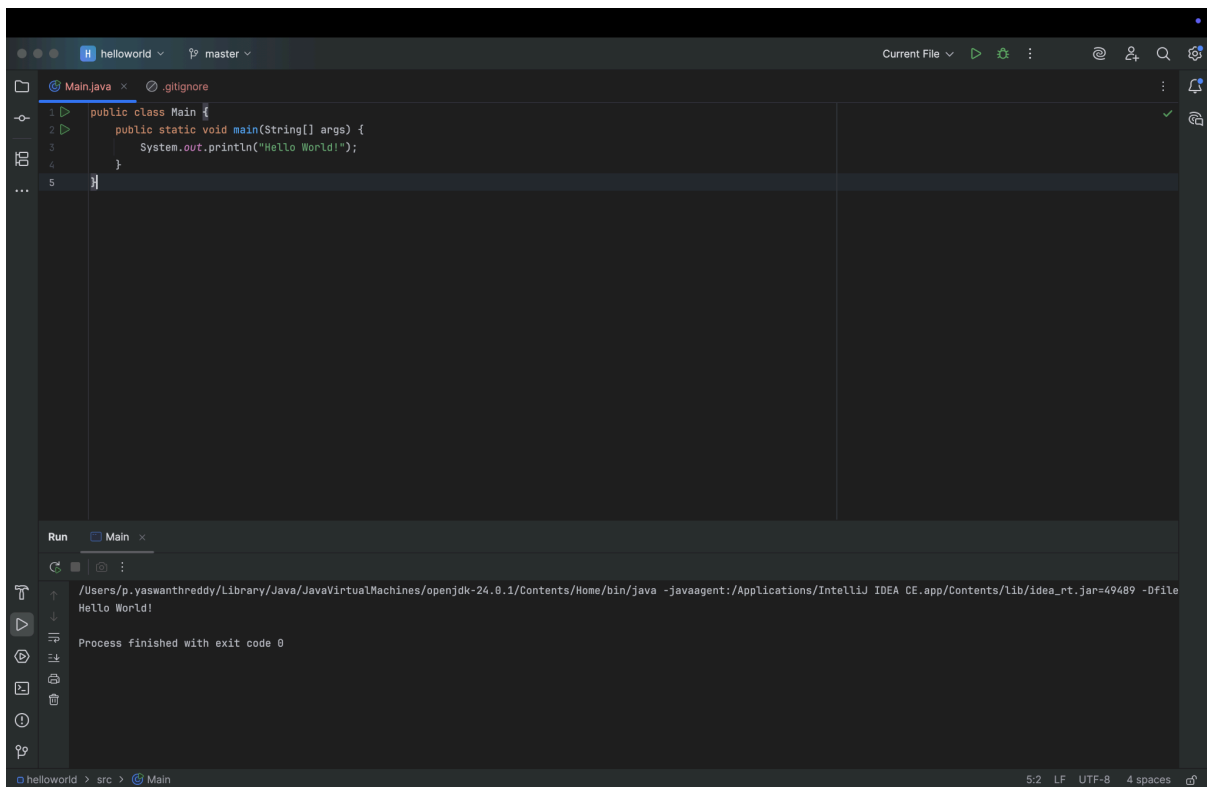
Creation of repository

1. Go to <https://github.com> and sign in.
2. Click the “+” icon in the upper-right corner.
3. Then click “New repository.”
4. Fill in repository details like repository name, description, visibility etc.
5. Click "Create repository".

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

- a. Open a terminal or Git Bash.
- b. Navigate to your repository.
- c. Create and switch to the new branch: **git checkout -b feature-java**
- d. Push the new branch to GitHub: **git push -u origin feature-java**

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: Home, then Shift + End
- c. To comment/uncomment a line: Ctrl + /
- d. To delete a line: Ctrl + Y