**Git & IntelliJ Assignment**

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

**Ans)** The git add command adds a change in the working directory to the staging area. It tells Git that you want to include updates to a particular file in the next commit

1. Write the command to create a branch “feature-group”.

**Ans)** git branch feature-group

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

**Ans**) A pull request is a method of proposing changes to a Git repository, allowing

For collaboration and review before merging those chanages into the main codebase.

Steps involved in creating a pull request

i)Fork the repository – if contributing to a project which we don’t own, first need to create a copy of the repository.

ii)Clone the forked repository – clone it is using git clone command

iii)Create a new branch – create using git checkout -b -branch-name

iv)Make the necessary changes

v)Stage and commit the changes – using git add and then commit them with git commit -m “message”

vi)Push to the forked repo – using git push origin branch-name

vii) pull request – Go to the repo and click on “COMPARE AND PULL REQUEST “and review the changes and click “CREATE PULL REQUEST”

1. How do you add collaborators?

**Ans)** i) go to the repo on GitHub

ii)click on settings tab and in left side click COLLABORATORS under “ACCESS” or “MANAGE ACCESS”

iii) click the “INVITE COLLABORATOR” button

iv)enter the GitHub username of the person you want to add and click ADD or “Send Invite”

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

**Ans)** git commit -m " commit message "

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

**Ans)** Created GitHub account and repository named rg-assignments to store all assignment tasks.

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

**Ans)** Created a new branch named feature-java from the main repository.

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

**Ans)** created a Java project and displayed “Hello World!!” in the console.

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1. In IntelliJ IDE, explore the shortcut keys for the following
   1. To run the project ---- Shift +F10
   2. To select a line ------ Home then Shift +End
   3. To comment/uncomment a line ----- ctrl +/
   4. To delete a line ----- Ctrl + Y