1. What is Git?

Git is a Version Control System used to track changes in files and manage coding projects.

2. Git is the same as GitHub?

False – Git is a version control tool, and GitHub is a platform to host Git repositories online.

3. What is the command to get the installed version of Git?

git --version

4. Which option should you use to set the default user name for every repository on your computer?

--global

5. What is the command to set the user email for the current repository?

git config user.email "your-email@example.com"

6. What is the command to add all files and changes of the current folder to the staging environment of the Git repository?

git add --all

7. What is the command to get the current status of the Git repository?

git status

8. What is the command to initialize Git on the current repository?

git init

9. Git automatically adds new files to the repository and starts tracking them?

False – You have to manually add new files using git add.

10. What is the command to commit the staged changes for the Git repository?

git commit

11. What is the command to commit with the message "New email"?

git commit -m "New email"

12. What is the command to view the history of commits for the repository?

git log

13. In Git, a branch is:

A separate version of the main repository

14. What is the command to create a new branch named "new-email"?

git branch new-email

15. What is the command to move to the branch named "new-email"?

git checkout new-email

(or git switch new-email for newer versions)

16. What is the command to merge the current branch with the branch "new-email"?

git merge new-email