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## Day1 VC

### 1-What is Git?

a free, open-source Version Control System (VCS). it's a tool that helps you track changes in your files and coordinate work on those files among multiple people.

It allows you to save snapshots of your project at different points in time, so you can always go back to a previous version if something goes wrong. It's the underlying technology that platforms like GitHub, GitLab, and Bitbucket are built on.

2-False , Git is different from Github

3-git --version , git --help

4-Which option should you use to set the default user name for every repository on your computer?Top of Form

Answer is : --global

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

Answer is : git config user.email " my email"

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

Answer is : git add --all

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

Answer is : git status

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

Answers is : git init

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

Answer is : False

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

Answer is :git commit -m " message "

11-What is the command to commit with the message "New email":

Answer is : :git commit -m " New email "

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

Answer is :git log

13-In Git, a branch is:

Answer is : A separate version of the main repository

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

Answer is : git branch new-email

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

Answer is :git checkout new-email

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

Answer is :git merge new-email

