

Day 1 VC

1. What is Git?

Git is a distributed version control system that tracks changes in source code during software development.

2. Git is the same as GitHub? True or False

False

(Git is a version control system; GitHub is a platform for hosting Git repositories.)

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?

- No need to specify, that is the default
- --A
- --global
- --all

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

- `git config email`
- `git config user.email`
- `git email.user`

• 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`
- `git add`

- `git add --files`

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

- `git config --status`
- `git status`
- `git getStatus`
- `--status`

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

- `git init`
- `git start`
- `start git`
- `initialize git`

8. Git automatically adds new files to the repository and starts tracking them.? True or False

False

(You need to explicitly add new files using `git add`.)

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

`git commit -m "commit message"`

10. What is the command to commit with the message "New email":

`git commit -m "New email"`

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

`git log`

12. In Git, a branch is:

- A secret part of Git config.
- A small wooden stick you can use to type commands.
- Nothing, it is a nonsense word.

- A separate version of the main repository

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

`git branch new-email.`

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

`git checkout new-email`

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

`git merge new-email`