**`Day 1 VC**

1. **What is Git?**

Git is a **distributed version control system (VCS)** used to track changes in source code during software development.

 It helps developers **save versions** of their project as they work.

 They can go **back to previous versions** if something breaks.

 Multiple developers can work on the **same project at the same time** without overwriting each other’s work.

1. **Git is the same as GitHub? True or False**

**Git** is a **tool** (a version control system) installed on your computer to track changes in your code.  
 **GitHub** is a **platform** (a website/service) that hosts Git repositories online, making it easier to share and collaborate with others.

- You can use Git **without** GitHub.  
- But GitHub **depends on Git** to work.

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

**git --version**

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

* No need to specify, that is the default
* --A
* --global is true
* --allBottom of Form

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

* Top of Form
* git config email
* git config user.email is true
* git email.userBottom of Form
* **What is the command to add all files and changes of the current folder to the staging environment of the Git repository?**
* Top of Form
* git add –all is true
* git add
* git add --files
* Bottom of Form

1. **What is the command to get the current status of the Git repository?**Top of Form

* git config –status
* git status is true
* git getStatus
* --status
* Bottom of Form

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

* Top of Form
* git init is true
* git start
* start git
* initialize gitBottom of Form

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

**False.**

Git **does not automatically track new files**.

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

**git commit -m "Added new feature to homepage"**

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

**git commit -m "New email"**

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

**git log**

1. **In Git, a branch is:**

* Top of Form
* 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 repositoryBottom of Form is true

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

**git branch new-email**

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

**git checkout new-email**

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

**git merge new-email**