What is GitHub? When was it created? Why? By who? What similar platforms exist? Why would you use such a platform? (Answer between 2 and 3 lines)

GitHub is a hosting service for version control using Git. GitHub provides access control, and features such as feature requests, task management.

GitHub was created by Chris Wanstrath, PJ Hyett, Tom Preston-Werner and Scott Chacon

GitHub was created in 2008.

Git was created by Linus Torvalds in 2005 as a better way to build Linux

Some alternatives to GitHub are: GitLab, BitBucket, SourceForge, Launchpad

GitHub makes it easy to contribute to open source projects. It is also easy to track, manage, and document your work. Git branches are also cheap and easy to use

* Commit - git commit saves the snapshot to the project history and completes the change-tracking process. In short, a commit functions like taking a photo. Anything that’s been staged with git add will become a part of the snapshot with git commit.
* Push- git push updates the remote repository with any commits made locally to a branch
* Branch- git branch shows the branches being worked on locally.
* Fork - A **fork** is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. Most commonly, **forks** are used to either propose changes to someone else's project or to use someone else's project as a starting point for your own idea.
* Merge- git merge merges lines of development together. This command is typically used to combine changes made on two distinct branches. For example, a developer would merge when they want to combine changes from a feature branch into the master branch for deployment.
* Clone- git clone creates a local copy of a project that already exists remotely. The clone includes all the project’s files, history, and branches.
* Pull- git pull updates the local line of development with updates from its remote counterpart. Developers use this command if a teammate has made commits to a branch on a remote, and they would like to reflect those changes in their local environment.
* Pull request - Make your changes and commit them to your local branch with **git** commit , ensuring to include a descriptive commit message. Push the branch to your GitHub fork using **git** push. Go to the page for the upstream repository go to the **pull** requests tab. Click the “New **Pull Request**” Button.