GitHub account: <https://github.com/rajkieran>

What is GitHub? When was it created? Why? By who? What similar platforms exist? Why would you use such a platform? (Answer between 5 and 10 lines)

GitHub is a file-sharing and hosting platform designed for programmers and content creators to share their work with collaboration project groups or the general public. It makes use of repositories to create an archived workflow that repository members can push, pull, or branch from, in order to continue progression of their project. This makes it a very powerful tool for project teams to build their projects and share their code in an organized manner. GitHub was created in 2008 by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett. Some similar platforms include SourceForge, GitLab, OBS, Bitbucket, and Gitbucket.

Define the following terms in the context of Git (2 lines maximum):

* Repository
  + Repositories are collections of files, folders, data, etc. which belong to singular projects and allow specific individuals to view the work contained in them or make the work visible to the public. Work can be pushed, pulled, or branched in a repository and made use of.
* Commit
  + Anyone who has permission can commit work to a project repository. This generally means that if anything was changed to a file locally, the changes are applied to the file stored on the repository and made available for anyone who has access. The file must be pushed to the repository before changes can be committed.
* Push
  + Pushing and committing are closely related. Pushing a file to a repository is the act of uploading a file from local storage to the rep.
* Branch
  + A branch is a way of defining different versions of the project you’re working on. Branches can be made by anyone with permission and are generally copies of the master copy on the local machine, until more changes are made.
* Fork
  + Forks are similar to branches, but they’re a more complete copy of a repository; separate from the original repository (so they will still exist even if the repository was deleted) and stored on the git-server. They’re still used as a sort of version control/testing.
* Merge
  + Merging is when either work from a different branch, or work in a pull request are brought into the repository.
* Clone
  + Creating a local copy of a repository on your computer.
* Pull
  + Taking files from the repository so that you can work on them locally.
* Pull request
  + These are requests made to the repository which allow you to make comments about the changes you’re pushing to the repository and share them with collaborators.