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**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 site where programmers can upload code and share code with other people around the world. In more technical terms, it is a web-based version control repository. It was created in 2007 by Tom Preston-Werner, Chris Wanstrath, and PJ Hyett and it was released to the public on April 2008 for people to be able to connect and share code online. Some other similar platforms are Bitbucket, SourceForge, and GitLab but there are many other similar sites as well. I would use this platform to maybe share my ideas with other programmers, collaborate in projects, and use it for school assignments.

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

· Repository - A directory or storage space to store projects

· Commit - A way to save your repository at a certain spot like a checkpoint and can refer back to that save point.; takes a “snapshot”

· Push - Allows any commits that you had done on a computer to be visible online as well; Update remote references along with associated objects

· Branch - Allows other people to work on their own version of the same code; List, create, or delete branches.

· Fork - A copy of a repository you own. You can make changes on it without affecting the original.

· Merge - Changes that had been done through a branch would be applied to the code and everyone code see; join two or more histories together

· Clone - Clones a repository into a new directory.

· Pull - Fetch from and integrate with another repository or a local branch

· Pull request - Let others know of changes you made.