**What is GitHub?**

GitHub is a web-based hosting service for version control using Git. It is mostly used for computer code. It will host your source code projects in a variety of different programming languages.

**When was it created?**

GitHub launched in April 10, 2008.

**Why?**

GitHub was created as a web-based hosting service for version control using Git. Git is command line only.

**By who?**

GitHub was developed by Chris Wanstrath, PJ Hyett and Tom Preston-Werner using Ruby on Rails and Erlang, it was recently bought my Microsoft in 2018.

**What similar platforms exist?**

Some alternative platforms include Bitbucket, SourceForge, GitLab, Kiln, and Codeplane.

**Why would you use such a platform?**

There are many reasons why you should use GitHub. GitHub is opened source and for individuals. It is also a great resource and it hosts the source code for millions. It is also a repository hosting service where you can manage your sources code. Plus it also works as a resume for codes these days.

**Git tutorial:**

**(Please See Below)**

**-Introduction to Git Commits-**

1)

git commit

git commit

2)

git branch bugFix

git checkout bugFix

3)

git checkout -b bugFix

git commit

git checkout master

git commit

git merge bugFix

4)

git checkout -b bugFix

git commit

git checkout master

git commit

git checkout bugFix

git rebase master

5)

git checkout C4

6)

git checkout C4^

7)

git branch -f master C6

git branch -f bugFix C0

git checkout C1

8)

git reset local~1

git checkout pushed

git revert pushed

9)

git cherry-pick C3 C4 C7