Short Test 1

1. Which of the following **IS NOT** one of the four freedoms of Free Software

(a) The user is free to run the program for any purpose
(b) The code should be available so one can study how the program works, and change it
***(c)* The software must be offered free of charge** *(Free/Open Source does not mean free as in free of charge, with an appropriate license one can charge)*
(d) Anyone is free to redistribute copies of the program
(e) Anyone is free to distribute a modified version of the program

(a), (b), (d), and (e) are the 4 freedoms of Free Software

2. For each item, please check if they are True or False

(T) Formally, a project is considered Free/Open Source if its license complies with a set of conditions (freedoms)

(T) In Eric Raymond's book, the Bazaar is linked to a chaotic, babbling open source development, miraculously coherent amongst both the signal and the noise of the crowds.

(F) Open Source is still not well accepted by big companies, which prefer to stay away from the movement → *Seems controversial, but big companies are not only consuming open source, but engaging as part of the moment*

(T) git is considered a distributed versioning control system because every node has the complete version history of the project

(T) `` `git commit` `` is the command used to move the changes from our workspace (staging area) to the local repository

(F) `` `git commit` `` is used to submit the changes to the remote repository → *with git commit all transactions are local, not requiring network. So, we do not expect the changes to reflect in the remote repo with a git commit*

(F) We use `` `git checkout branch_name` `` to create `branch_name` in our repository and `` `git branch branch_name` `` to switch git cursor to the branch `branch_name` → *It is the opposite, `git branch` is used to create a branch, while `git checkout` is used to switch to a branch*

(F) GitHub and git are the same things, only with a different brand → *Actually no. GitHub is a platform tha USES git as its version management system*

(F) `` `git push` `` is used to bring the changes on the remote repository to my local repository → *`` `git push` `` is used to **SEND** the changes **TO** the remote repository **FROM** my local repository*

(T) `` `git fetch` `` pulls in all the commits from your remote but doesn't make any changes to your workspace