Q1) List a few version control systems.

Ans) Few version control systems are:

* + Revision Control System (RCS)
  + Concurrent Versions System (CVS)
  + Subversion
  + git
  + Bazaar
  + Monotone
  + Mercurial
  + Project Revision Control System (PRCS) .

Q2) What is a repository?

Ans) In software development, a repository is a central file storage location. It is used by version control systems to store multiple versions of files. While a repository can be configured on a local machine for a single user, it is often stored on a server, which can be accessed by multiple users.

Q3) Write the sequence of commands that will result in a change to ‘foobar.txt’ to git ?

Ans) git add foobar.txt

git commit –m “First commit“

git push

Q4) What are the types of merge available with git? Explain them.

Ans) The default option Merge pull request on Github will take all commits from the pull request and add them to the master branch with a new commit in a merge commit.

Rebasing is quite different. When you follow this procedure, all your changes since your initial branch off the other line of development are reverted, the branch is brought up to date to its present state, and then your changes are reworked so they fit on the current state.

Q5) Create an account on github if you don’t have one already.

Ans) <https://github.com/Akshat-Das>

Q6) Make a repository called ‘git-learning’, with a single README.md file.

Put in your answers for the above questions, along with the certificate link and push it to the repository

In your submission put a link to the repo.

Ans) <https://github.com/Akshat-Das/git-learning>

Certificate : <https://coursera.org/share/42e775d0519082e6313decad646662ce>