Q) List a few version control systems.

Ans)A few version control systems are:

* GitHub
* GitLab
* Beanstalk
* PerForce
* Mercurial
* CVS Version Control(Concurrent versions system)
* Bitbucket

Q) What is a repository?

Ans)Git tracks changes made to files. A repository tracks all changes made to the files in a project, building a history overtime. It is used to store multiple versions of the same file. It can be used on a server, where it can be accessec by a large group of people.

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

Ans) git add foobar.txt

git committ -am “change foobar”

git push

Q) What are the types of merge available with Git? Explain them?

Ans) There are two main ways of merge available with Git namely Fast Forward and Three Way.

Git can automatically merge commits unless there are changes that conflict in both commit

sequences. The default option takes all the commits from pull request and adds them to the

master branch. In simple words, it’s the way of putting the forkes history back together as one.

Fast forward is when there is a linear path from current branch tip to the target branch.

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

Ans) <https://github.com/VigneshPoli>

Q) 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)

Course Certificate:

<https://www.coursera.org/account/accomplishments/verify/NEAJRASXTL43>