* **Choose your chosen technology**

I used bash scripting to automate the given assignment because of the following reasons:

It is useful to automate the frequently performed operations

It’s helpful to run sequence of commands as a single command

Easy to use

Portable (It can be executed in any Unix-like operating systems without any modifications)

* **Improve or extend your solution, given more time**

I intended to make it to local machine, however this chosen technology would impose challenges when tried to extend the scope as bash scripting has slow execution speed as a new process launched for almost every shell command executed .

I intend to use to Docker as it makes it OS independent as my approach assumes that the user has a working Kubernetes working cluster, but by using Docker I would make it independent of the machine user is running it on. I would use puppet yaml to write my automated script as compared to bash scripting to provide better performance.

Reference

Git links which professor had provided in the assignment