**DevOps Build Engineer –Zycus Level 1 -- Assignment**

1. Write a build script to generate 3 different flavors (variations) of the artifact (jar , war, ear ) for the same code base with the only change of configuration files amongst them (properties , xml , txt ..etc) using any build tool (ANT ,Maven , Gradle).

2. How can you establish a connection between two or many different Jenkins jobs (hosted on distinct servers) to pass the parameters / upstream - downstream jobs etc ..( without using Master-Slave connection in a secured way)

3. Write a script OR Convey a proven mechanism to retrieve the URL of artifacts uploaded in Nexus / Artifactory via the Jenkins job.

4. Prepare a Jenkins pipeline job (DSL / groovy script) to satisfy following CI-Cd pipeline :

* Send approval email to Release Manager after the application packaging phase
* Trigger the Jenkins job on reception of the approval email for the above job .

***NOTE:***

Explicitly state the assumptions you are making, if any.

*Add the scripts and answers to a public git repo (github, gitlab, bitbucket) and email the repo URLs. The Name format should be: Your name + Date of completion (DD-MM-YY)*