1. Create kubernetes cluster (Masters must be HA)
2. cluster must be multi-master
6. Install three node mariadb galera cluster to k8s cluster
7. Create monitoring dashboard for mariadb cluster

Requirements:
1. VM, k8s cluster, mariadb deployment/provisioning/configuration MUST be automated (by any means, preferably Ansible)
2. Basic documentation MUST be provided

if you have any problem with the required resource for doing this home assignment we can help you by providing temporary cloud instances.