**Scenario**

You will start to work in a new company as a DevOps Engineer. The first project has been assigned to you. For this project, they want from you to implement a Local Kubernetes cluster.

**Requirements:**

* All resources must be managed by a local git repository.
* Ansible Playbook should be prepared to install required software and dependencies.
* Environment provisioning should be completed with Terraform.
* You should create two services (Producer, Consumer) with Go.
* RabbitMQ and services should be deployed to Local Kubernetes cluster with Helm charts.
* The environment should build via Jenkinsfiles.
  + Services should build with Jenkinsfile and publish to docker hub.
  + RabbitMQ and services should deploy with a parameterized Jenkinsfile.
  + Environment provision should be done with separated Jenkinsfile.
* All configurations should be reproducible on the empty Ubuntu virtual machine.
* Virtual machine can be provisioned by vagrant with VirtualBox driver.
* All content should be packed as a single zip archive.

**Acceptance Criteria:**

* The solution idea
* Structure of source code and other files (Scripts, configurations, etc.) should follow the preferred naming convention.
* Simple usage instructions should be in the repository as a README file.