Setup :-

1. Installed Docker On Windows 10 machine.

Graphical user interface

Description automatically generated

1. Cloned, and Installed MinikubeText

   Description automatically generated
2. Installed and configured Kubectl for Interaction to Cluster

Text

Description automatically generated

1. Cloned and deployed 2 Microservices
   1. Sock-Shop – A known bug which was not letting the deployment to work for Sock-Shop was a hinderance. Hence, deployed one more Microservice as well.
   2. Nginx

Graphical user interface, text

Description automatically generated

1. Minikube Dashboard

Graphical user interface

Description automatically generated

1. Configured Python

Text

Description automatically generated

1. Created Kubernetes API in Python to perform the test.

Graphical user interface, text, application

Description automatically generated