**Kubernetes Assignment 4**

1. What are the benefits of having operators?

Ans: Improve consistency, compatibility, reduce complexity and automate at different levels.

1. What exactly is GKE?

Ans: Google Kubernetes Engine (GKE) provides a managed environment for deploying, managing, and scaling your containerized applications

1. What is the best way to operate Kubernetes locally?

Ans: We can use Minikube to test and operate locally.

1. What is the difference between Kubernetes and Docker Swarm?

Ans: Kubernetes focuses on open-source and modular orchestration, offering an efficient container orchestration solution for applications with complex configuration. Docker Swarm emphasizes ease of use, making it most suitable for simple applications.

1. How does Kubernetes make containerized deployment easier?

Ans: It groups containers that make up an application into logical units for easy management and discovery.