**Kubernetes Assignment 5**

1. How well do you understand Kube-proxy?

Ans: It is a daemon running on each node. It basically reflects the services defined in the cluster and manages the rules to load-balance requests to a service’s backend pods.

1. What does Kubernetes controller manager imply?

Ans: The Kubernetes controller manager is a daemon that embeds the core control loops shipped with Kubernetes

1. What exactly do you mean by ETCD?

Ans: ETCD is a consistent and highly-available key value store used as Kubernetes' backing store for all cluster data.

1. What does "control resource monitoring" imply?

Ans: Controlling an monitoring the resources of kubernetes using the collected information.

1. What are federated clusters and how do they work?

Ans: Cluster federation is conceptually simple. You aggregate multiple Kubernetes clusters and treat them as a single logical cluster. Multiple clusters may be managed as a single cluster or with the assistance of federated clusters.