1. **Kubernetes is Master/worker setup like docker swarm.**
2. **POD in Kubernetes is nothing but a container in Docker.**
3. **Kubelet is responsible for ensuring that POD is always running.**
4. **Container runtime interface is necessary to run POD. It actually runs your POD or container.**
5. **Kubeproxy provides networking in Kubernetes. E.g. generating the ip addresses. It is uses iptables on your linux machines for networking related configuration.**
6. **Components of worker node in Kubernetes as below,**

**-Kubelet**

**-Container runtime**

**-Kubeproxy**

1. **Master node is control plane and Worker node is Data plane.**
2. **Components of Master node in Kubernetes as below,**

**-API server: It is a heart of the master node and every request receive by this server.**

**-Scheduler: schedule the resources to run/create pod on worker nodes. API server takes the decision and scheduler will schedule the things.**

**-etcd: It is data store or key-value store which stores the all information of your cluster.**

**-Controller manager: Manger for your Kubernetes inbuild controllers.**

**-Cloud controller manager: Use in different cloud Kubernetes services like EKS,AKS to create pods i.e containers as a part of load balancing or auto scaling.**