1- How many `DaemonSets` are created in the cluster in all namespaces?

2- what DaemonSets exist on the kube-system namespace?

3- What is the image used by the POD deployed by the `kube-proxy` DaemonSet

4- Deploy a DaemonSet for `FluentD` Logging. Use the given specifications.

    Name: elasticsearch

    Namespace: kube-system

    Image: k8s.gcr.io/fluentd-elasticsearch:1.20

5- Deploy a pod named `nginx-pod` using the `nginx:alpine` image with the labels set to `tier=backend`.

6- Deploy a `test` pod using the `nginx:alpine` image.

7- Create a service `backend-service` to expose the `backend` application within the cluster on port `80`.

8- try to curl the backend-service from the test pod. What is the response?

9- Create a deployment named `web-app` using the image `nginx` with `2` replicas

10- Expose the `web-app` as service `web-app-service` application on port 80 and nodeport `30082` on the nodes on the cluster

11- access the web app from the node

12- How many static pods exist in this cluster in all namespaces?

13-On which nodes are the static pods created currently?