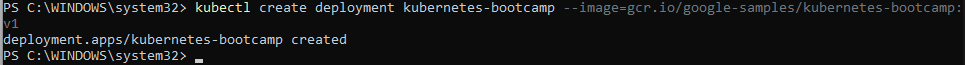
**Lab 3**

**Using Minikube to Create a Cluster**

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Deploy an application on the cluster

**Viewing Pods and Nodes**

A black background with white text

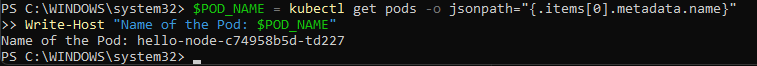
AI-generated content may be incorrect.

View the pods on the node

A computer screen with white text

AI-generated content may be incorrect.

Describe pods for more information



Store the name of the pod in a variable

A computer screen shot of a program

AI-generated content may be incorrect.

Executing commands on the pod

**Using a Service to Expose Your App**

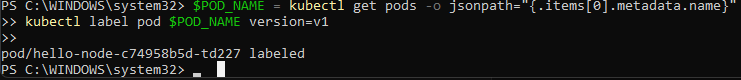


Expose the node on port 8080

A computer screen shot of a computer program

AI-generated content may be incorrect.

Describe the services on the node



Give a label to the pod

A black screen with white text

AI-generated content may be incorrect.

Delete the service

**Running Multiple Instances of Your App**



A screen shot of a computer

AI-generated content may be incorrect.  
scale the pod to have 4 replicas

A black screen with white text

AI-generated content may be incorrect.scale back down to 2 replicas

**Performing a Rolling Update**



Update the image with a rolling update

A black screen with white text

AI-generated content may be incorrect.

Observe newer updated pod

A screen shot of a computer

AI-generated content may be incorrect.

Roll back the update and view that it has been rolled back