**Phase 5**

**Lesson 5**

**Deploy your Application**

This section will guide you to:

* Configure Kubernetes cluster to push a random application to AWS EKS

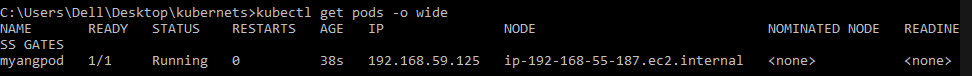
**Step 1:**

* First create the docker image and upload to the docker hub.
* In command prompt give

**Kubectl run myangpod --image=13nishchith/myapplication**

****

**Kubectl get pods -o wide**

****

**Step 2:**

Create a uiservice.yml file

Add this content to that file.

apiVersion: v1

kind: Service

metadata:

name: ui-angularapp

spec:

selector:

app: angularapp

ports:

* Protocol: TCP

Port: 80

Targetport: 80

type: NodePort

**step 3:**

* run that .yml file

**kubectl create –f uiservice.yml**

****

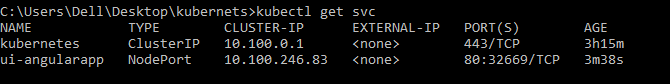
* then label the pods

**kubectl label pod myangpod app=angularapp**

****

* to see services

**kubectl get svc**

****

Add the ip(32669) to your security bounds of ur instance

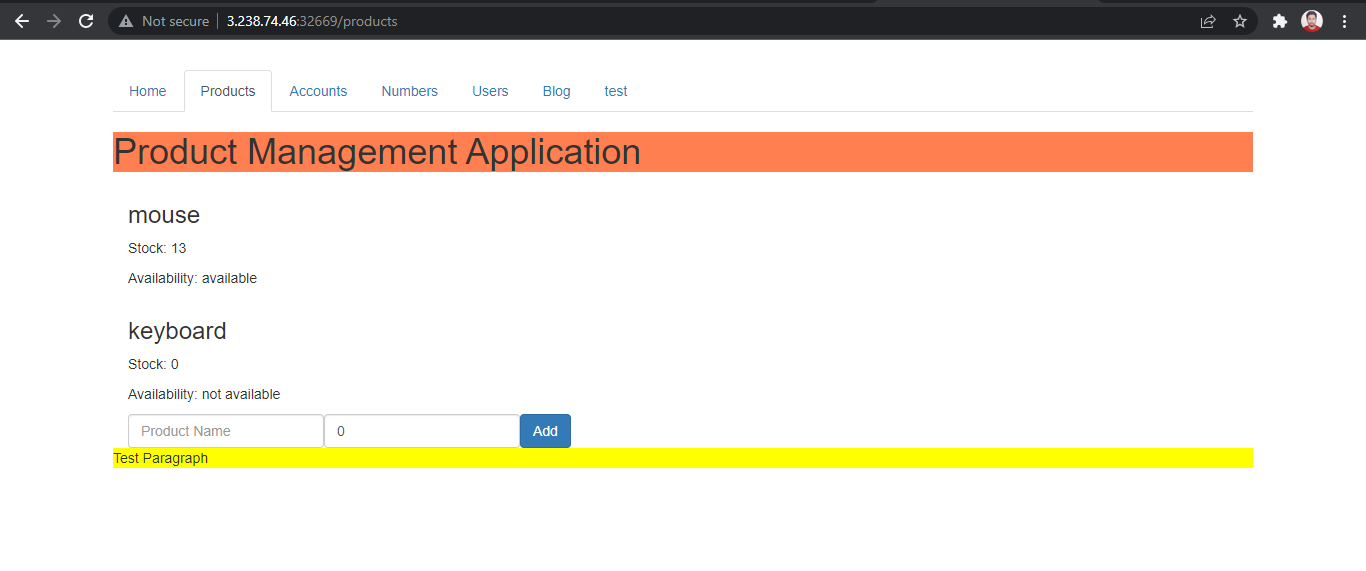
* get the endpoints

**kuectl get endpoints ui-angularapp**

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**step 4:**

copy the host url and service url and check in the browser

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