# Run a Pod on Specific node

**Step 1**:- Create a below script in a file (newpod.yaml), in front of nodeName mention the node name where you want to run the POD, In my case I have selected kwn1

apiVersion: v1

kind: Pod

metadata:

name: pod1

spec:

containers:

- name: container1

image: nginx

nodeName: kwn1

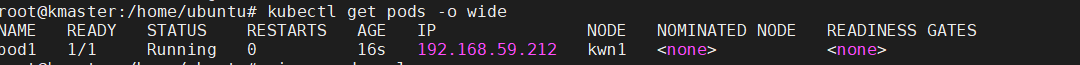
**Step2**:- Save the file

**Step3**:- Create the Pod by executing below command

kubectl create -f newpod.yam;

**Step4:**- Verify pod is created on wn1 or not

kubectl get pods –o wide



# Node Selector

**-- Create a label to the node**

kubectl label nodes kwn1 env=prod

**-- Display the labels**

kubectl get nodes --show-labels kwn1

**--write the script pod1.yaml**

apiVersion: v1

kind: Pod

metadata:

name: pod1

spec:

containers:

- name: container1

image: nginx

nodeSelector:

env: “test”

**---Create the Pod using above file**

kubectl create -f pod1.yaml

**--verify the pod is created on kwn1 or not**

kubectl get pods -o wide

