

Assignment No-2

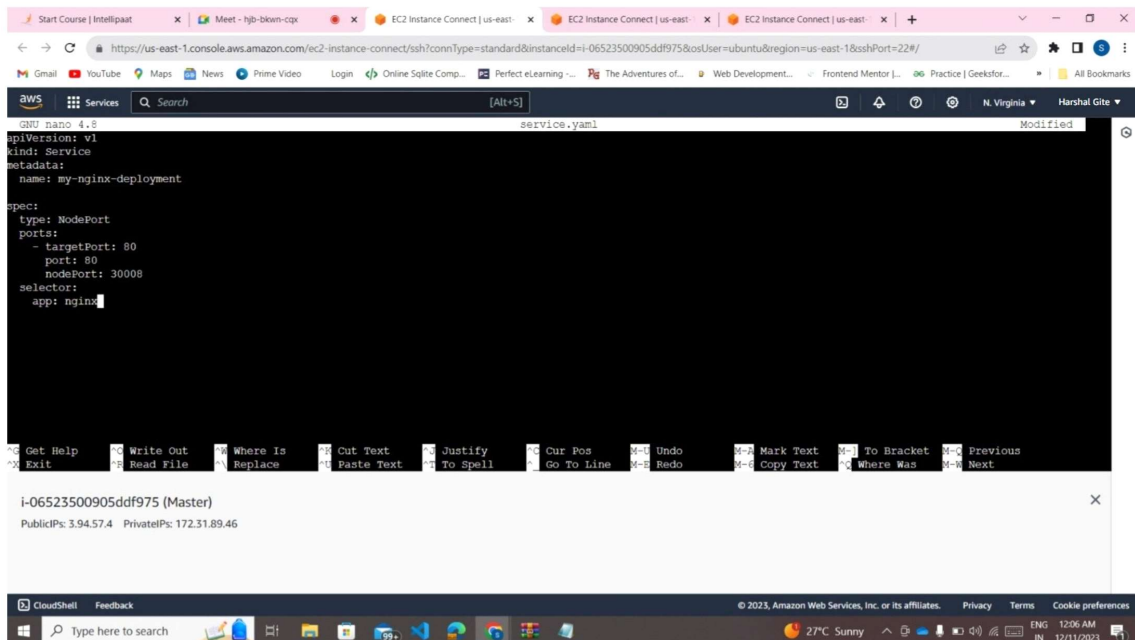
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Tasks:

1. Use the previous deployment
2. Create a service of type NodePort for NGINX deployment
3. Check the NodePort service on a browser to verify

Solution:

Steps:



The screenshot shows the AWS Management Console interface for an EC2 Instance Connect session. The main content area displays a Kubernetes service configuration in YAML format, titled 'service.yaml'. The configuration is for a service named 'my-nginx-deployment' with the following details:

```
apiVersion: v1
kind: Service
metadata:
  name: my-nginx-deployment
spec:
  type: NodePort
  ports:
    - targetPort: 80
      port: 80
      nodePort: 30008
  selector:
    app: nginx
```

Below the configuration, the instance details are shown: 'i-06523500905ddf975 (Master)' with PublicIPs: 3.94.57.4 and PrivateIPs: 172.31.89.46. The bottom of the screen shows a Windows taskbar with various application icons and system information: 27°C Sunny, 12:06 AM, 12/11/2023.

Start Course | Intellipast x Meet - hjb-biom-cqx x EC2 Instance Connect | us-east-1 x EC2 Instance Connect | us-east-1 x EC2 Instance Connect | us-east-1 x +

https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-06523500905ddf975&osUser=ubuntu®ion=us-east-1&sshPort=22#/?

Gmail YouTube Maps News Prime Video Login Online Sqite Comp... Perfect eLearning ... The Adventures of... Web Development... Frontend Mentor ... Practice | Geeksfor... All Bookmarks

aws Services Search [Alt+S]

```
ubuntu@ip-172-31-89-46:~$ sudo nano service.yaml
ubuntu@ip-172-31-89-46:~$ kubectl apply -f service.yaml
service/my-nginx-deployment created
ubuntu@ip-172-31-89-46:~$
```

i-06523500905ddf975 (Master)
PublicIPs: 3.94.57.4 PrivateIPs: 172.31.89.46

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Type here to search 27°C Sunny 12:06 AM 12/11/2023

Running notes_de... All Bookmarks

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.