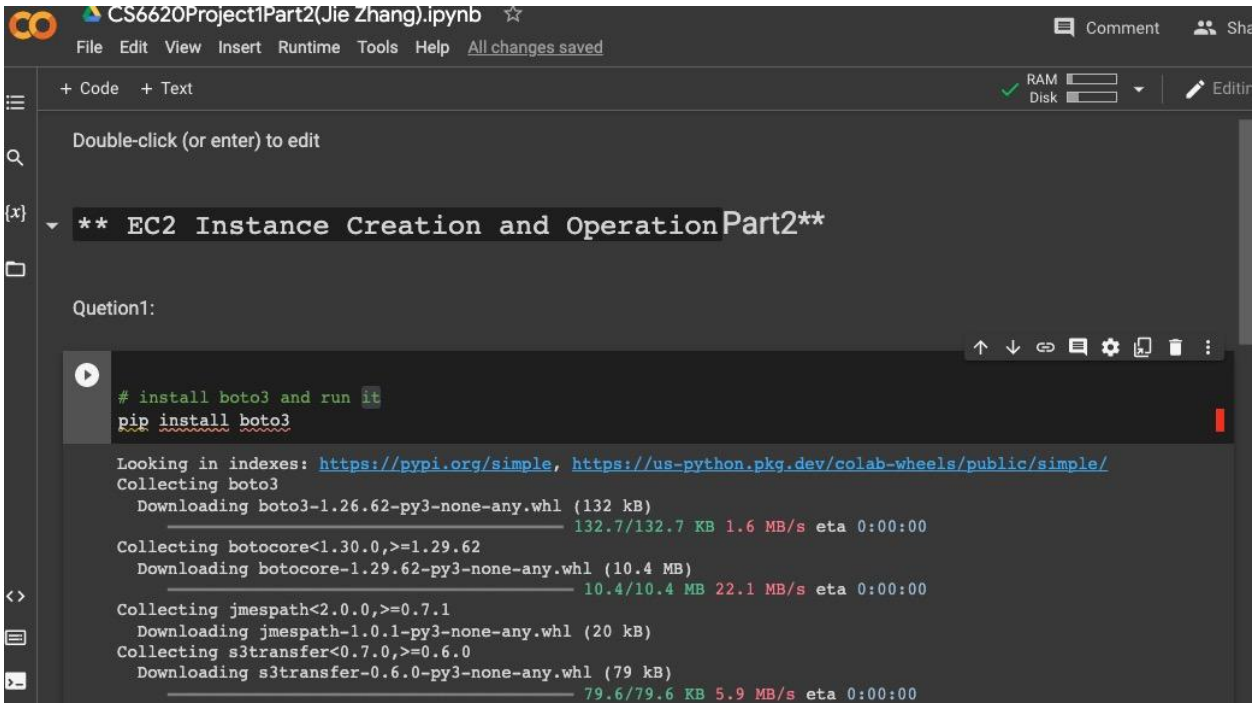
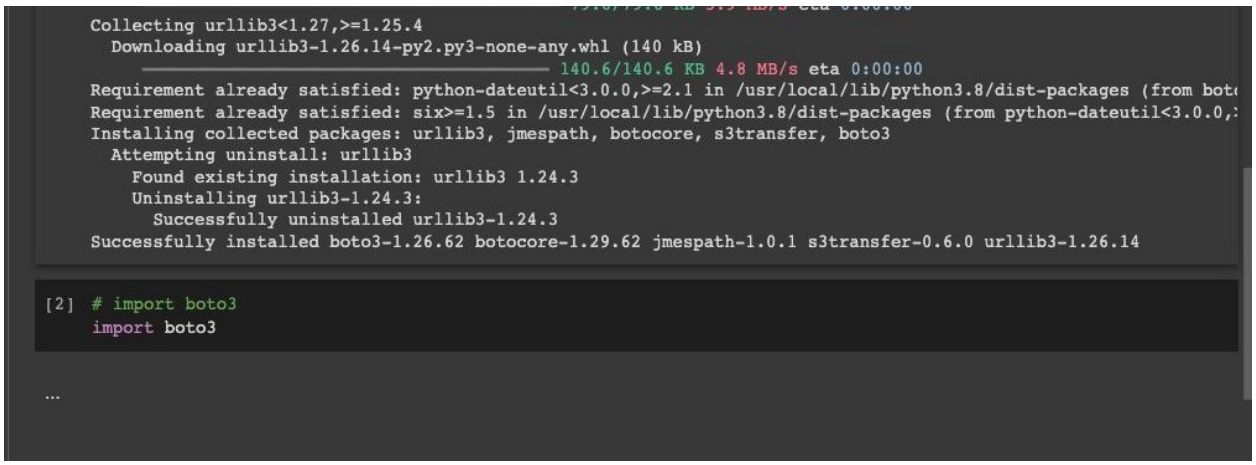
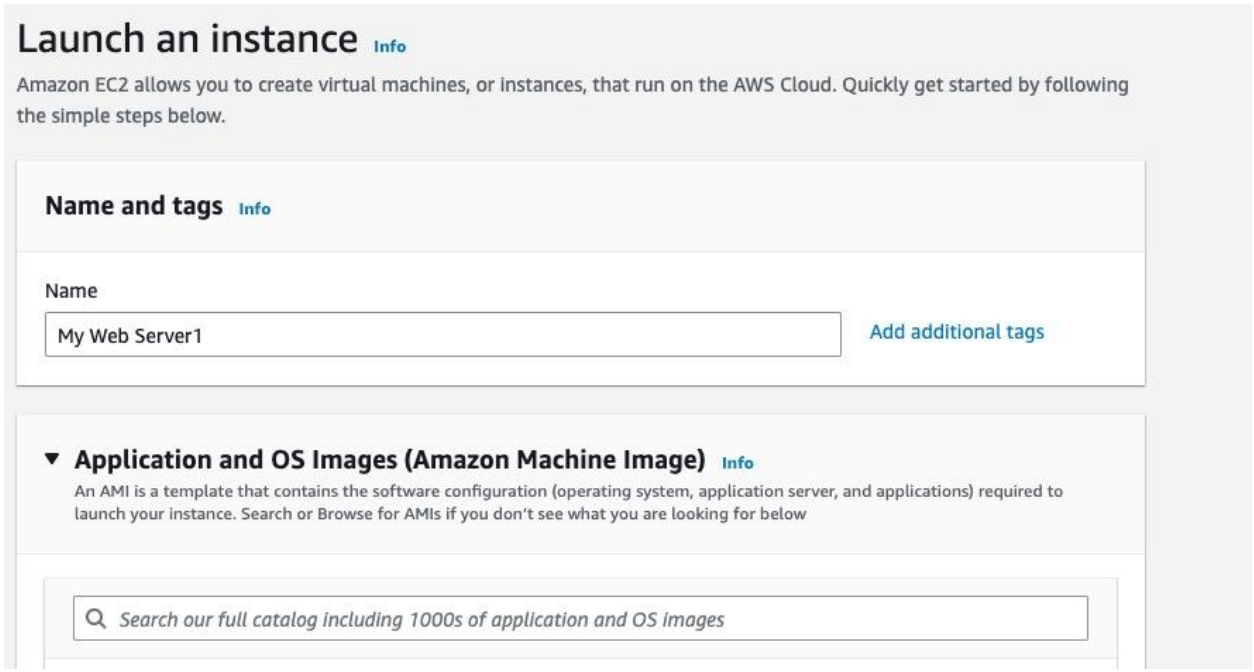
## PART II: Study the concepts for the next assignment (needs to do be done in console)

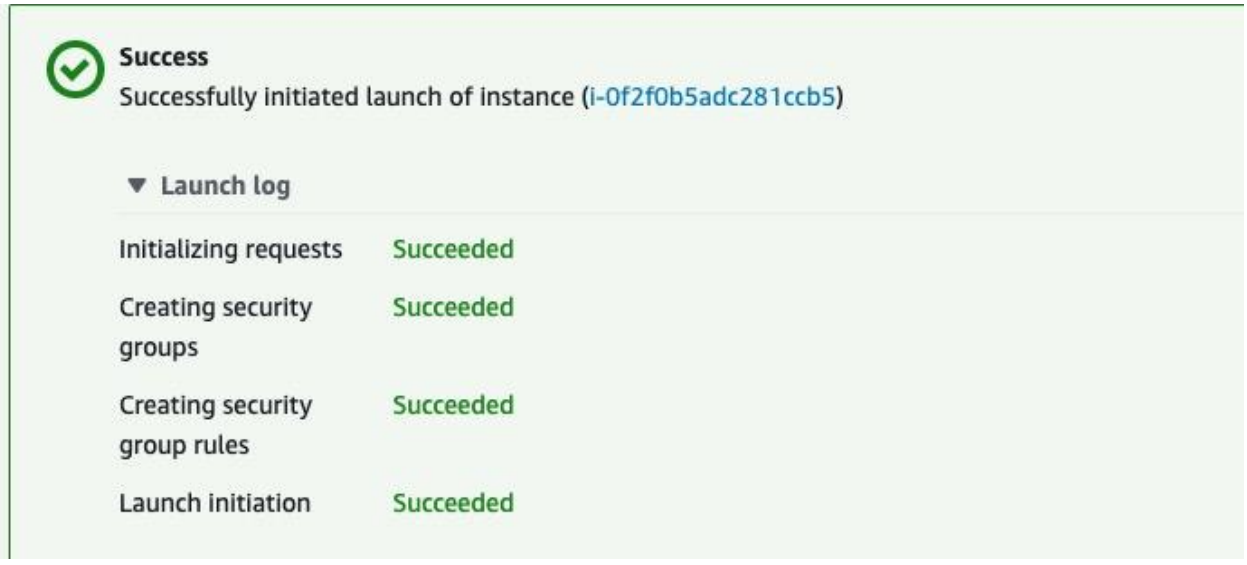
1. Set up the EC2 instance, using t2.micro, add tag to it and it has to be accessed via any ip address

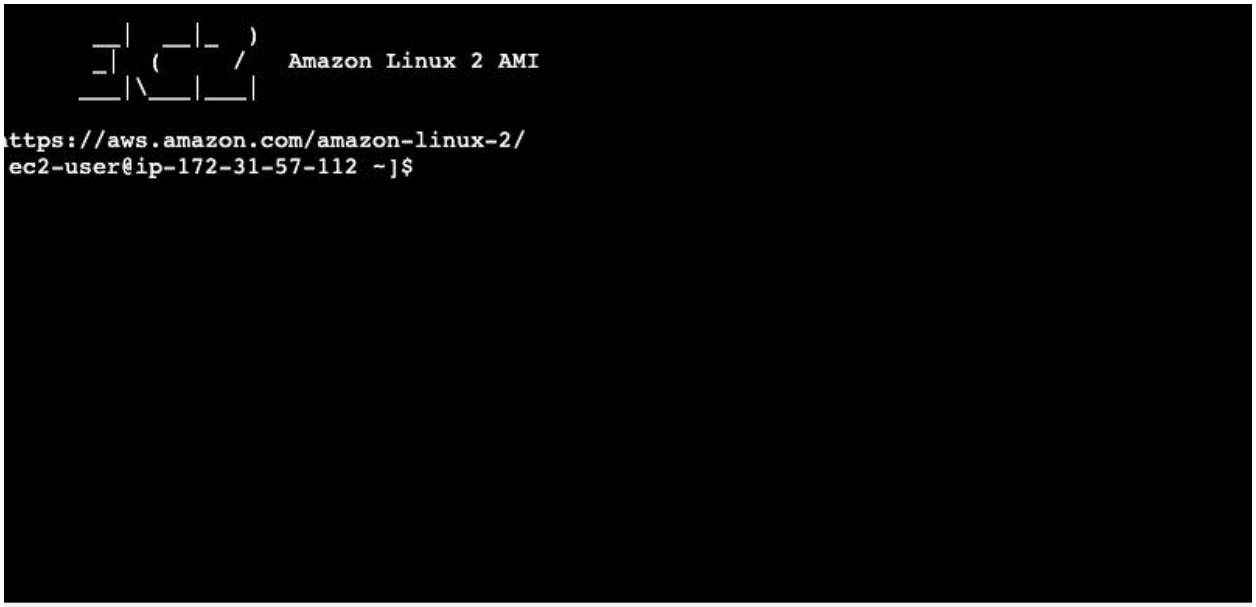



Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
My Web Server1
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images

→


Success
Successfully initiated launch of instance (i-0f2f0b5adc281ccb5)
Launch log
Initializing requests Succeeded
Creating security groups Succeeded
Creating security group rules Succeeded
Launch initiation Succeeded

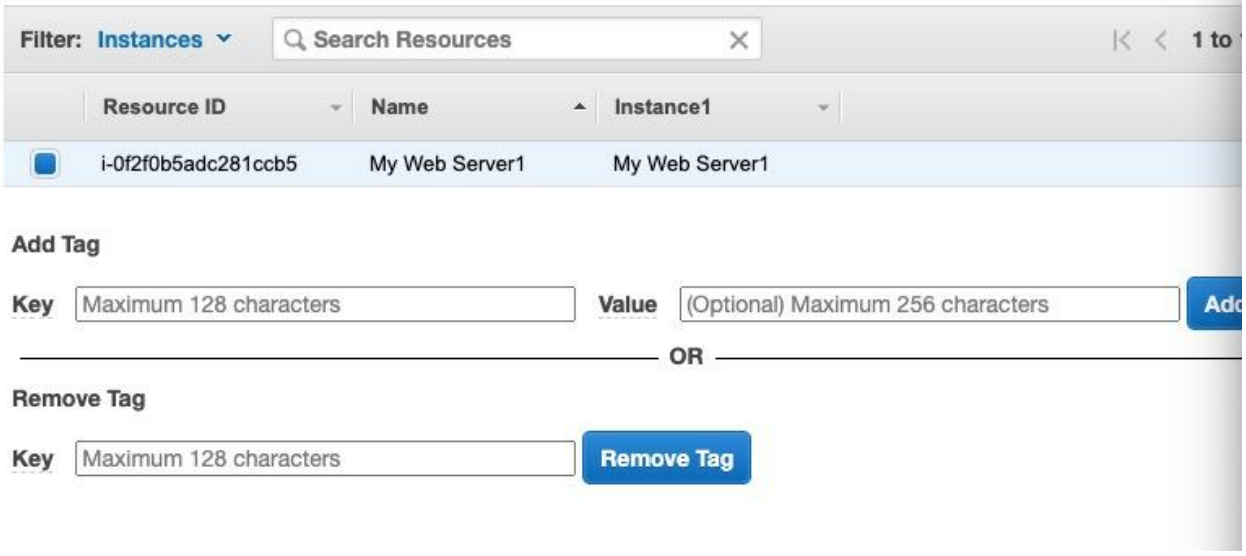


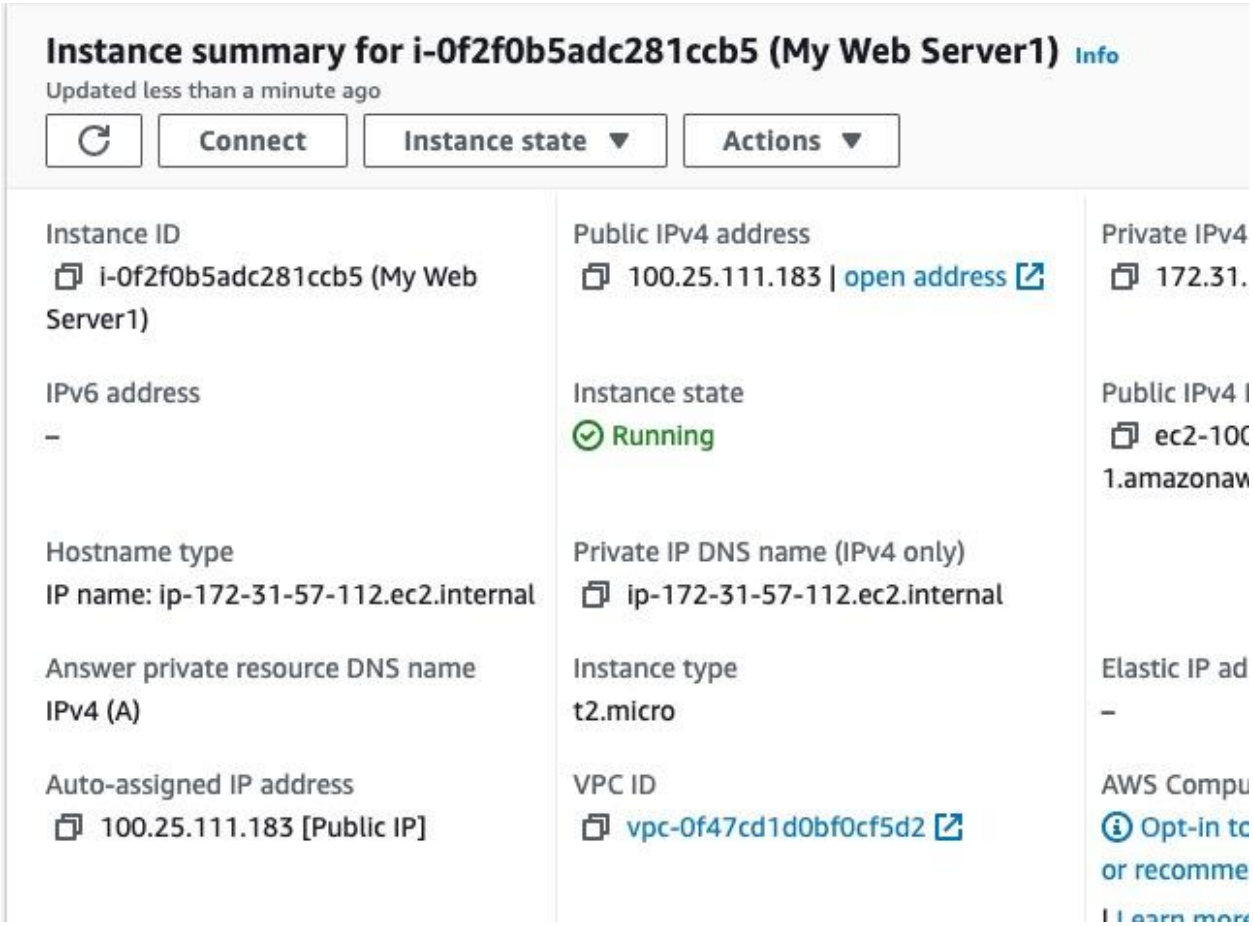

i-0f2f0b5adc281ccb5 (My Web Server1)

PublicIPs: 100.25.111.183  PrivateIPs: 172.31.57.112

Tags > Manage

Add tags to your resources to simplify the administration of your EC2 infrastructure. Select resources from the grid below a
controls below the grid to apply a new tag or remove an existing tag. You can add up to 10 unique keys to each resource v
value for each key. Tag keys and values are case-sensitive.






2. Explain in brief the process by setting up a routing table

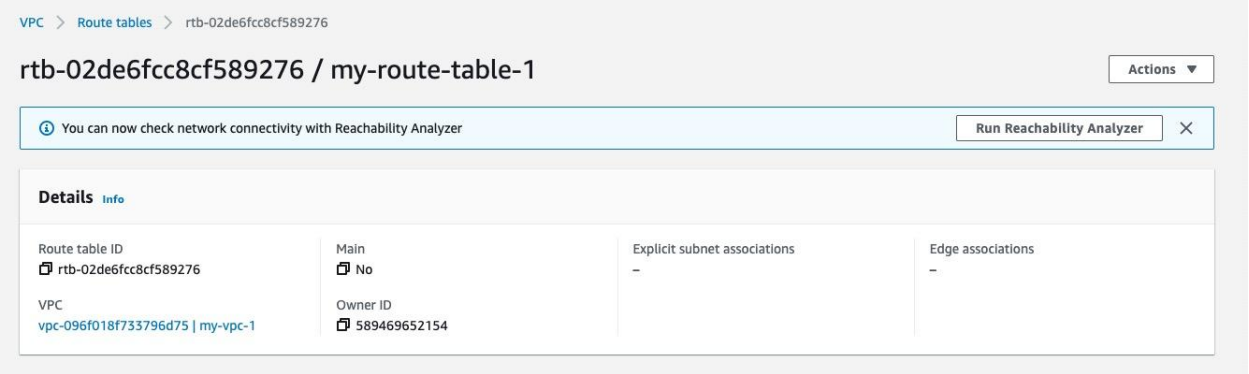
   There are several steps to setting up a routing table:

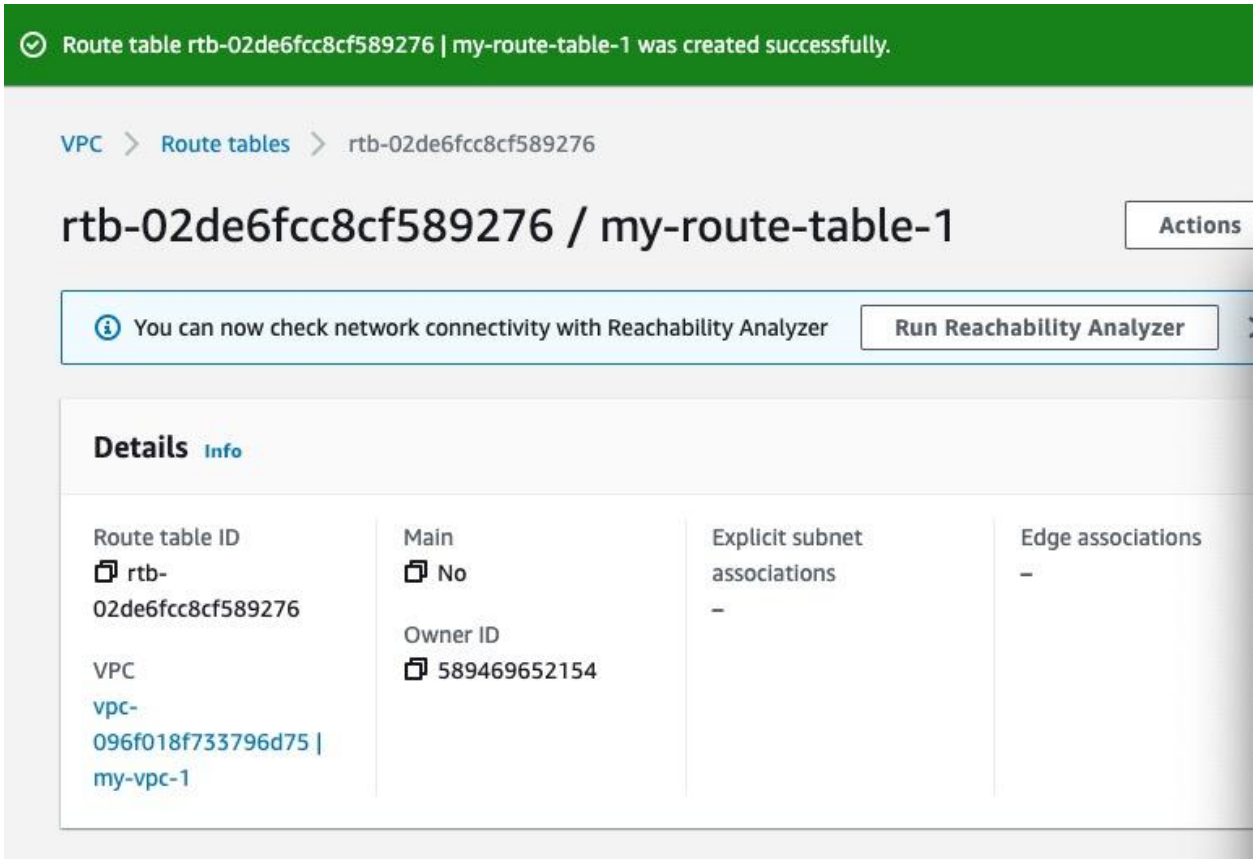
   Step1: use VPC console,set up VPC.

   Step2: Choose Routing Table

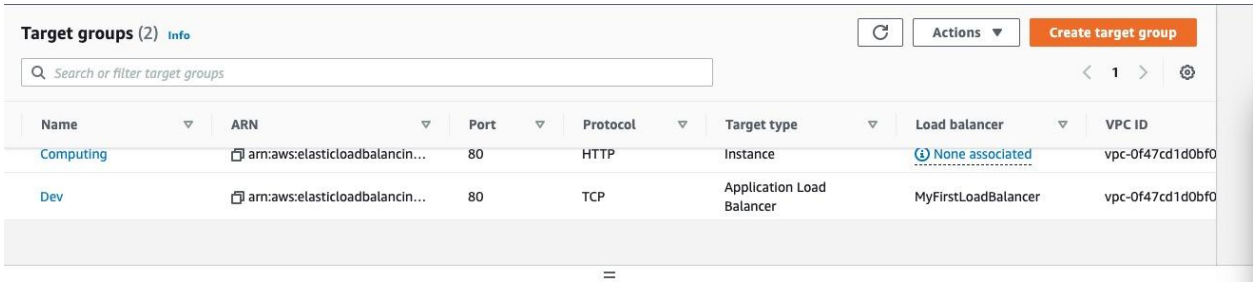
   Step3:  Give a name for a route table

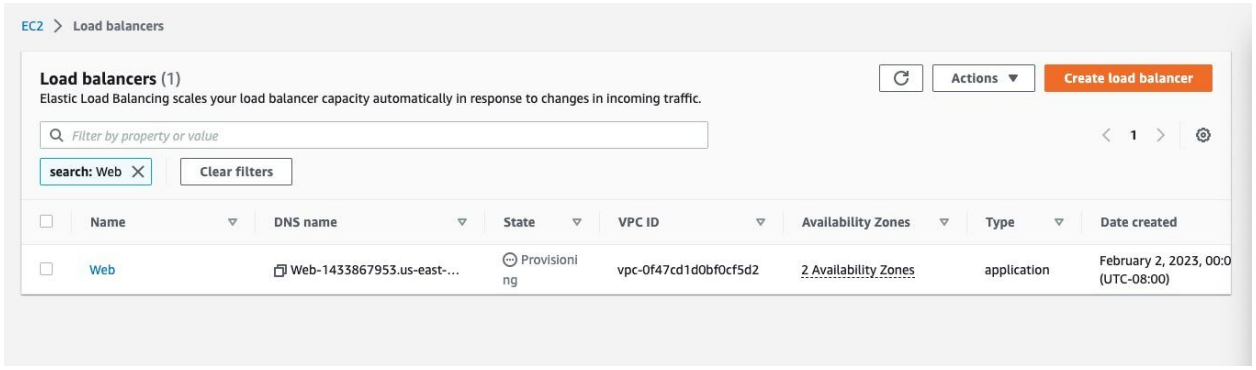
   Step4: Choose the VPC from create list for my route table



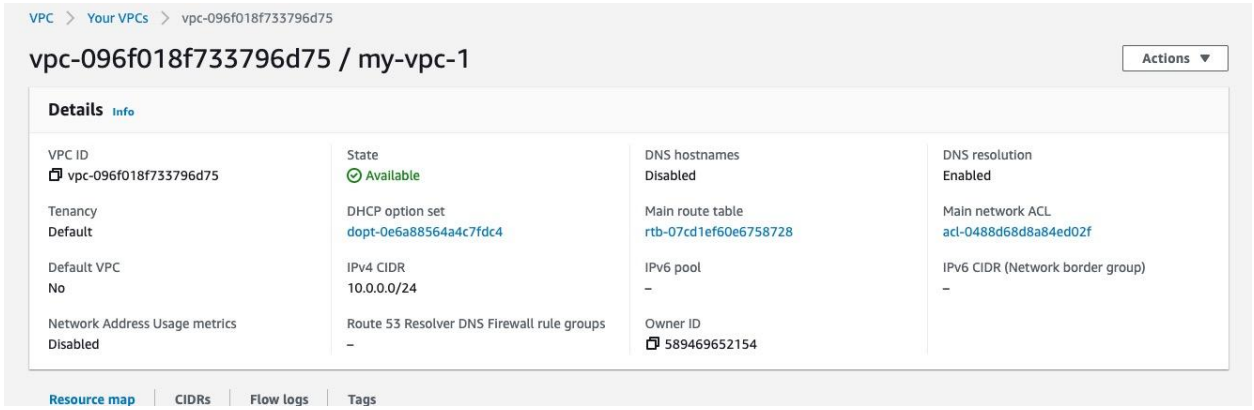




3. Set up an Application Load Balancer in the console

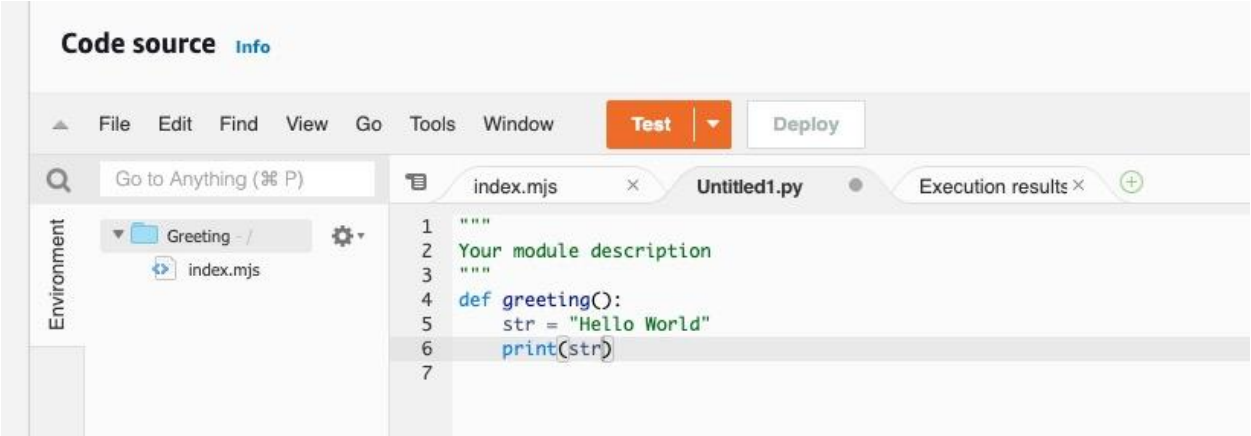


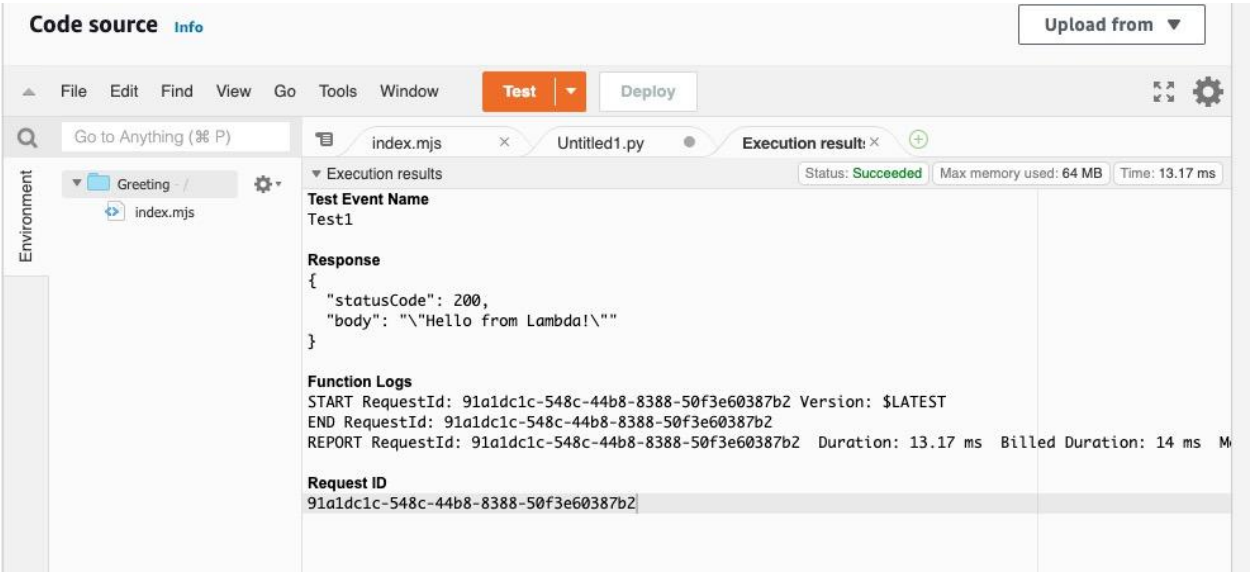




4. Create a VPC




5. Write a ‘hello world program’ in Python  using AWS




Explain using screenshots, code and text as needed to fully answer these questions.