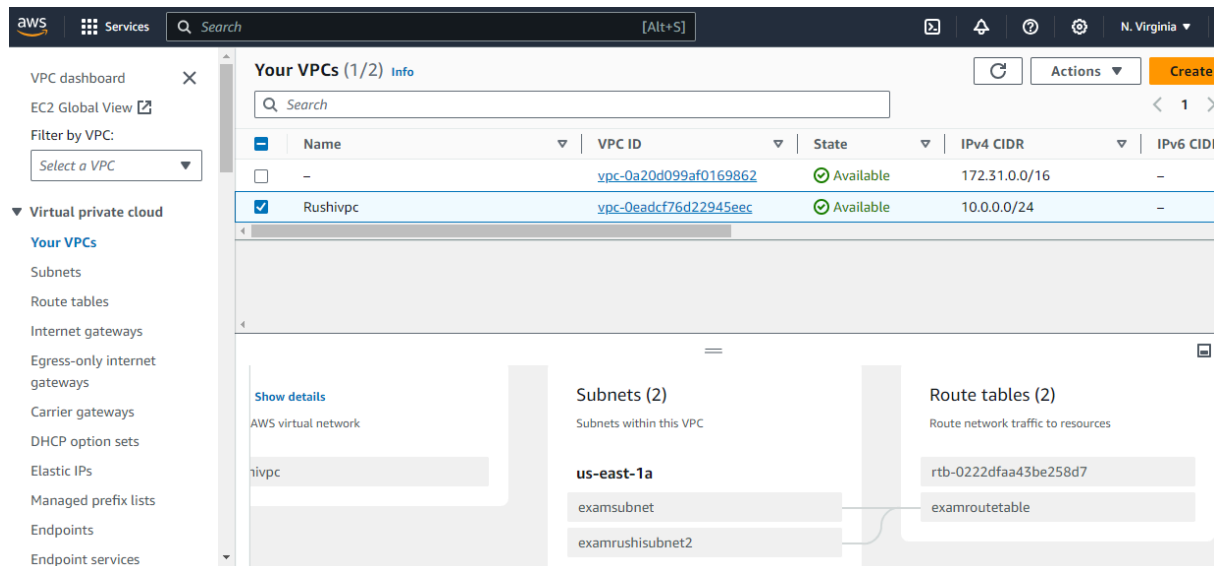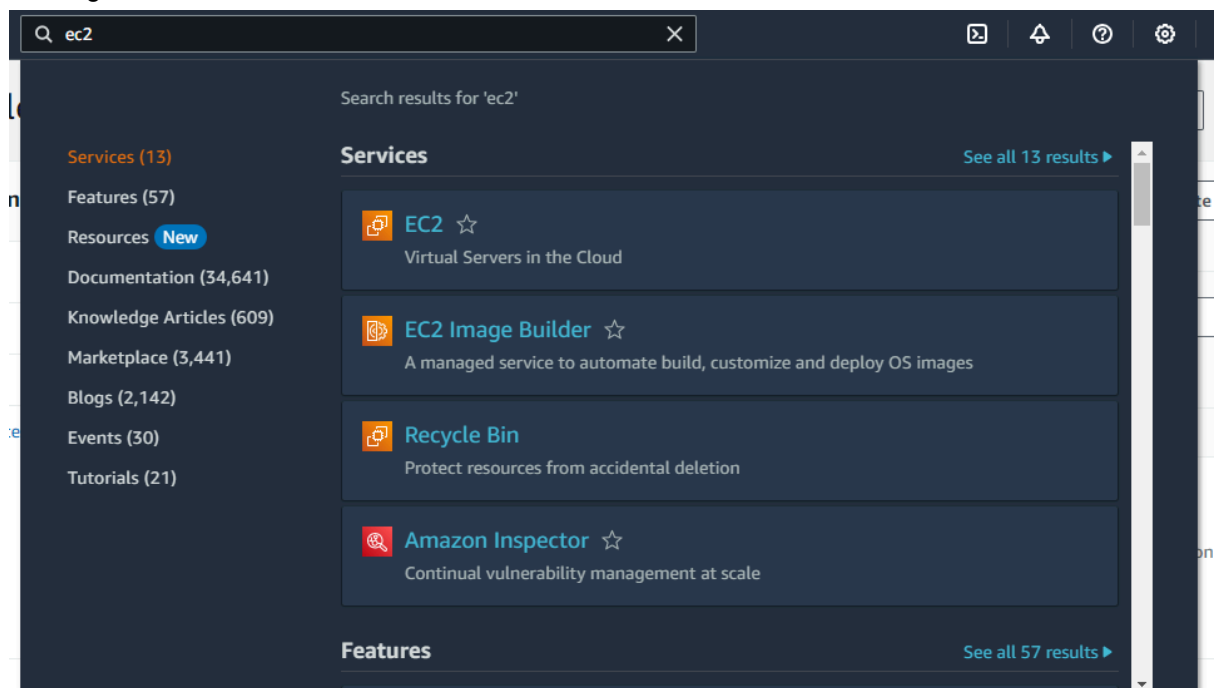Answer sheet :-231209371
Name:- Rushikesh Raju Tangade

Cloud Answers:-

Q1. Create linux EC2 and access the EC2 through putty on your system.create a link of html page and make it available on a public ip address:-
ans:-

1.First go to console home

2.click on ec2

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Loginpage ▼   ↻ Create new key pair

▼ **Network settings**   Info   Edit

Network | Info

vpc-0a20d099af0169862

Subnet | Info

No preference (Default subnet in any availability zone)

Auto-assign public IP | Info

Enable

Firewall (security groups) | Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

▼ **Summary**

Number of instances   Info

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0d7a109bf30624c99

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Cancel   **Launch instance**
                 Review commands

3.click on launch instance

aws ::: Services Q Search   [Alt+S]   ⊡ ⌂ ⑦ ⚙ N. Virginia ▼ Rushikesh2586 ▼

EC2 Dashboard   ×   **Instances (1)** Info   ↻   Connect   Instance state ▼   Actions ▼   **Launch instances** ▼
EC2 Global View
Events   Q Find Instance by attribute or tag (case-sensitive)   Any state ▼   < 1 > ⚙
Console-to-Code
   Preview   ☐ Name ✎   ▽   Instance ID   Instance state ▽   Instance type ▽   Status check   Alarm status   Availability Zone

▼ Instances   ☐ ExamRushi   i-0d94b8e52e598ec52   ⊘ Running ⊕ ⊖   t2.micro   –   View alarms +   us-east-1c
   Instances
   Instance Types
   Launch Templates
   Spot Requests
   Savings Plans
   Reserved Instances
   Dedicated Hosts
   Capacity Reservations
      New

▼ Images   **Select an instance**   ︿
   AMIs

4.You can see we launce instance

Search   [Alt+S]   ⊡ ⌂ ⑦ ⚙ N. Virginia ▼ Rush

◁   EC2 > Instances > i-0d94I

     Instance summary fc   Connect   Instance state ▼   Actions ▼
     Updated 1 minute ago

     Instance ID   Private IPv4 addresses
        i-0d94b8e52e598ec52   172.31.47.197

     IPv6 address   Public IPv4 DNS
        –   ec2-174-129-64-142.compute-
                                                                             1.amazonaws.com |open address ↗
     Hostname type
        IP name: ip-172-31-47-197

     Answer private resource DN   Elastic IP addresses
     IPv4 (A)   –

     Auto-assigned IP address   AWS Compute Optimizer finding
        174.129.64.142 [Public   ⓘ Opt-in to AWS Compute Optimizer for recom
                                                                           mendations.
                                                                           | Learn more ↗

PuTTY Configuration   ? ✕
Category:
  ⊟ Session   Basic options for your PuTTY session
      Logging   Specify the destination you want to connect to
  ⊟ Terminal   Host Name (or IP address)   Port
      Keyboard   22
      Bell
      Features   Connection type:
  ⊟ Window   ● SSH ○ Serial ○ Other: Telnet ▼
      Appearance
      Behaviour   Load, save or delete a stored session
      Translation   Saved Sessions
  ⊞ Selection
      Colours   Default Settings   Load
  ⊟ Connection
      Data   Save
      Proxy
  ⊞ SSH   Delete
      Serial
      Telnet
      Rlogin   Close window on exit:
      SUPDUP   ○ Always ○ Never ● Only on clean exit

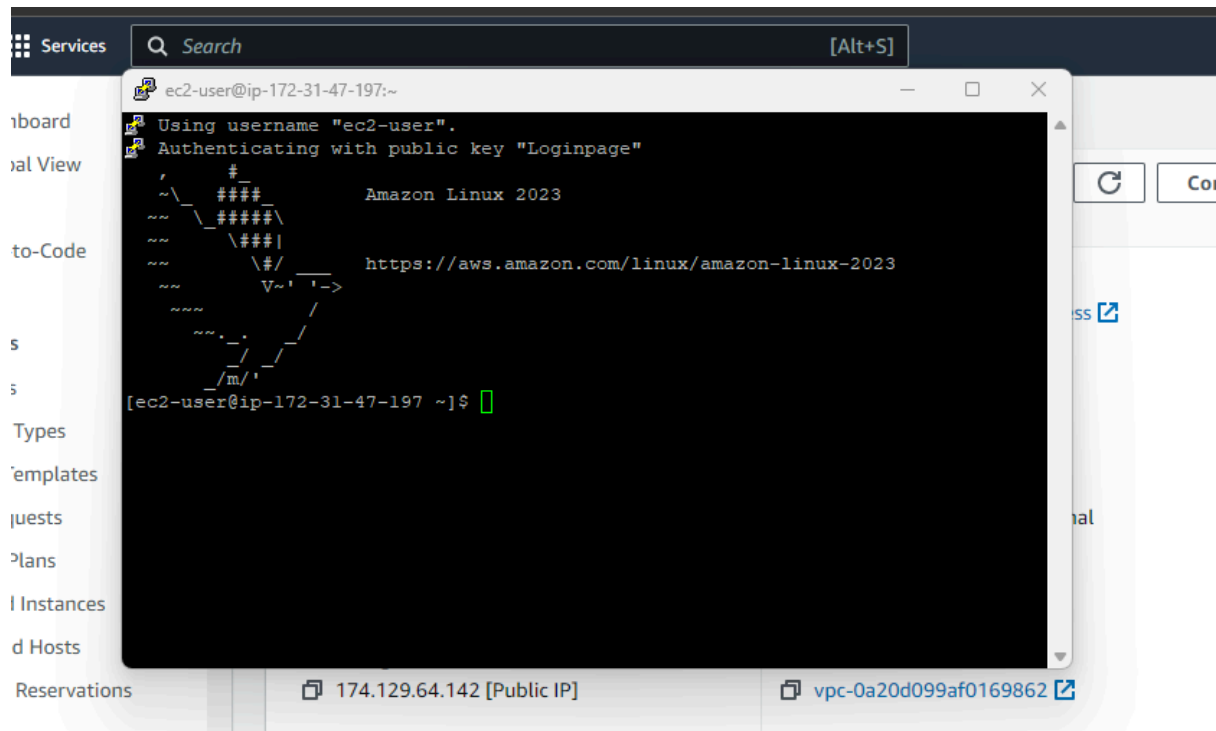 About   Help   Open   Cancel

5.Now next step open putty
6.enter the host name and ip address which we copy in instance
7.now click SSH-AUTH–CREDENTIAL

8.then upload the ppk file which you create in instance
9.Now You can see we open putty

Now Used the command sudo -i
Yum install -y
Yum update httpd -p
Systemctl start httpd
Systemctl status httpd
Systemctl update httpd
Cd /var/www/html
Vi index.html
10.Now you can go in vi editor type there code.
<html><head>Done</head></html>
11.after that press control+x
12.the press :wq
13. Now enter
14.copy the ip address
15.now you can see the page

root@ip-172-31-47-197:~   — ☐ ✕

```
Using username "ec2-user".
Authenticating with public key "Loginpage"
    ,      #_
   ~\_   ####_           Amazon Linux 2023
  ~~   \_#####\
  ~~      \###|
  ~~       \#/ ___        https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
        _/ _/
       _/m/'
[ec2-user@ip-172-31-47-197 ~]$ sudo -i
[root@ip-172-31-47-197 ~]# yum install -y
usage: yum install [-c [config file]] [-q] [-v] [--version]
                   [--installroot [path]] [--nodocs] [--noplugins]
                   [--enableplugin [plugin]] [--disableplugin [plugin]]
                   [--releasever RELEASEVER] [--setopt SETOPTS]
                   [--skip-broken] [-h] [--allowerasing] [-b | --nobest] [-C]
                   [-R [minutes]] [-d [debug level]] [--debugsolver]
                   [--showduplicates] [-e ERRORLEVEL] [--obsoletes]
                   [--rpmverbosity [debug level name]] [-y] [--assumeno]
                   [--enablerepo [repo]] [--disablerepo [repo] | --repo
                   [repo]] [--enable | --disable] [-x [package]]
```

⬐ 174.129.64.142 [Public IP]   ⬐ vpc-0a20d099af0169862 ↗

---

root@ip-172-31-47-197:~   — ☐ ✕

```
-- INSERT --                                    0,1              All
```

⬐ 174.129.64.142 [Public IP]   ⬐ vpc-0a20d099af0169862 ↗

Question 2:- create a vpc with two subnets and route table and internet gateway,make sure your sure your vpc is connected to each component.
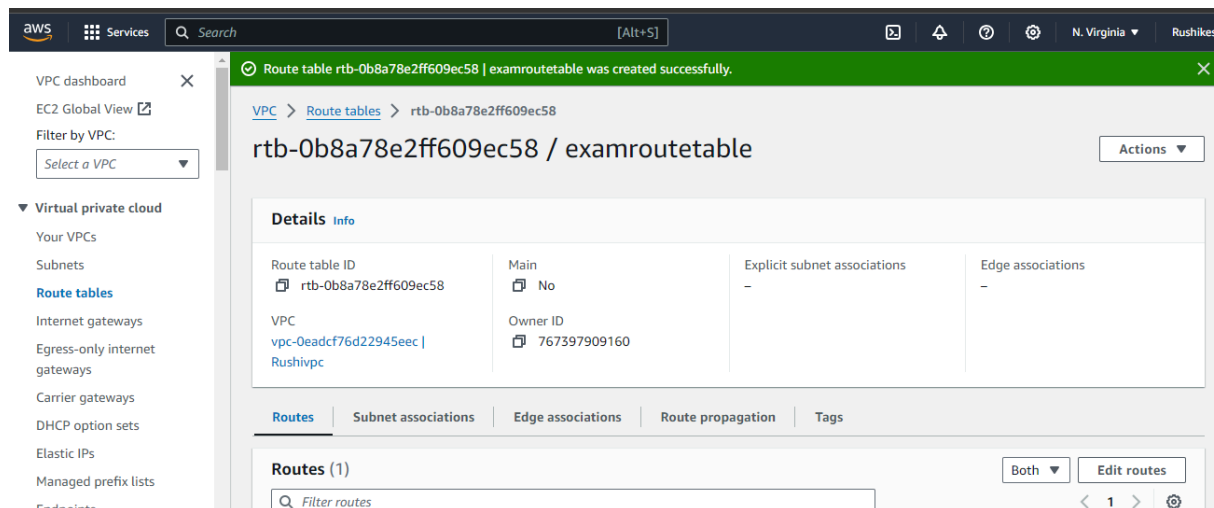Ans:-
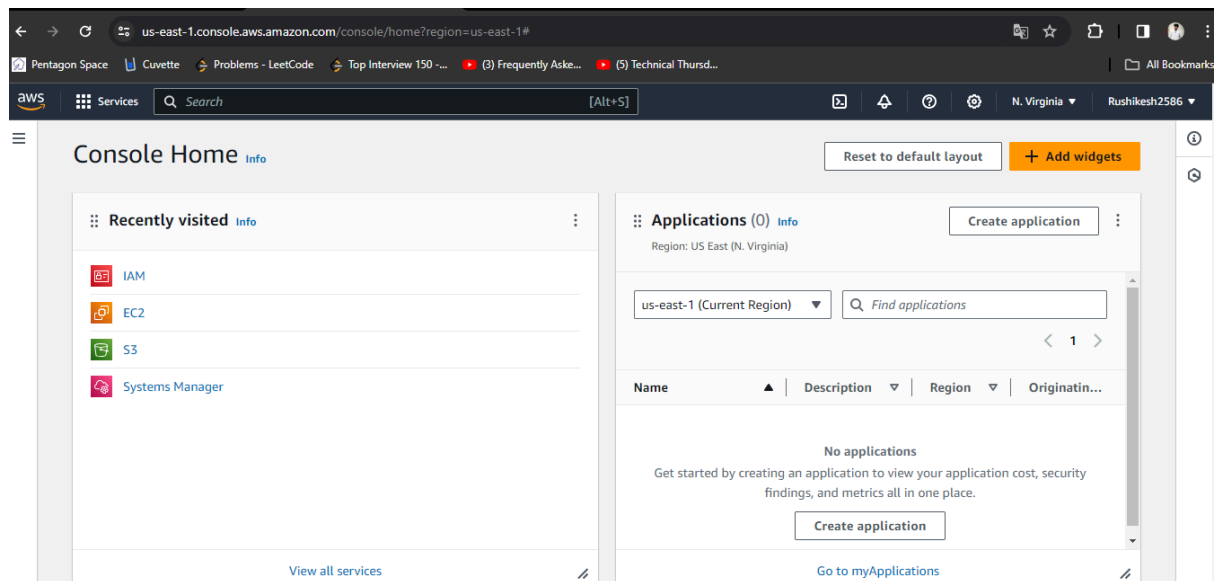
1.search vpc on search box
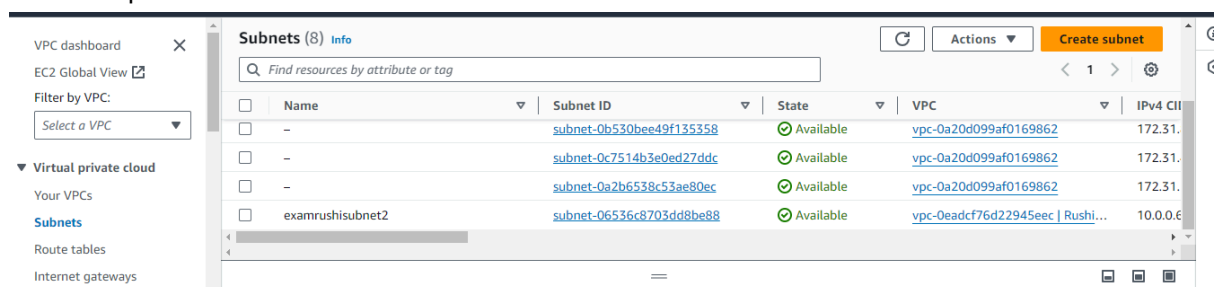
2.Now create vpc and then create subnet as shown in screen shot
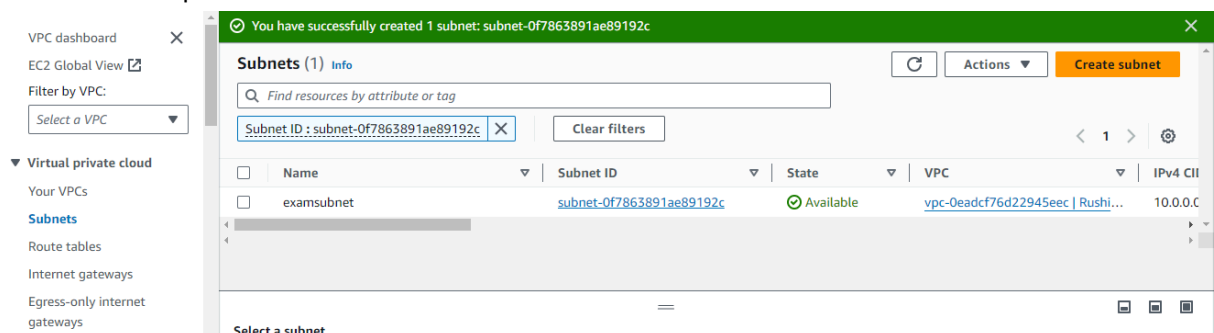
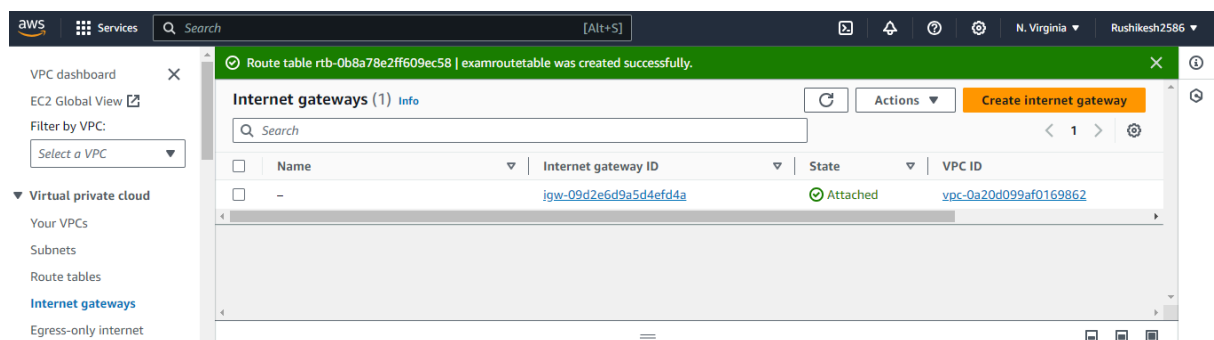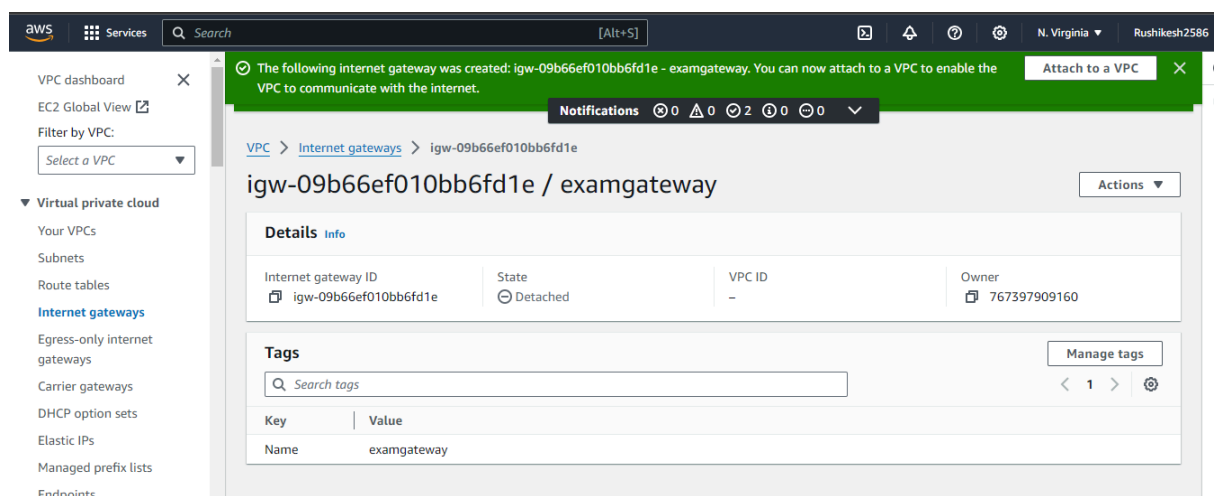
3.check we have create subnet
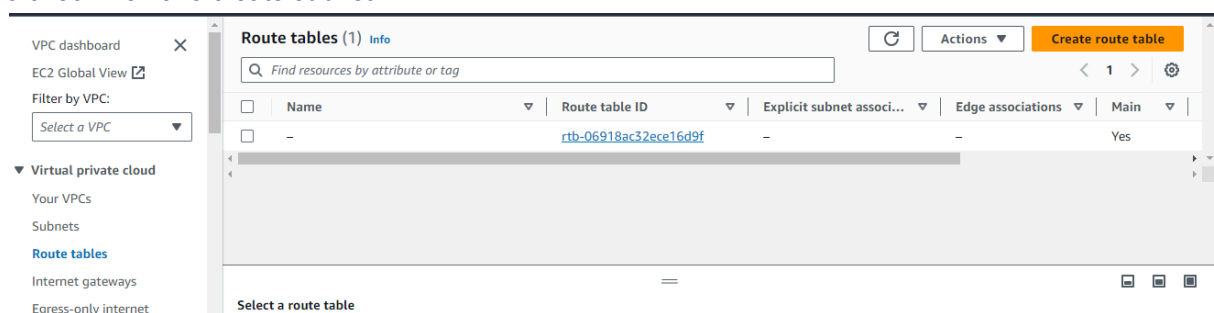
Now create Route table by clicking create route table

We can we create route table

In this file we can see we created the internet gateway

We can see the we created resource map.