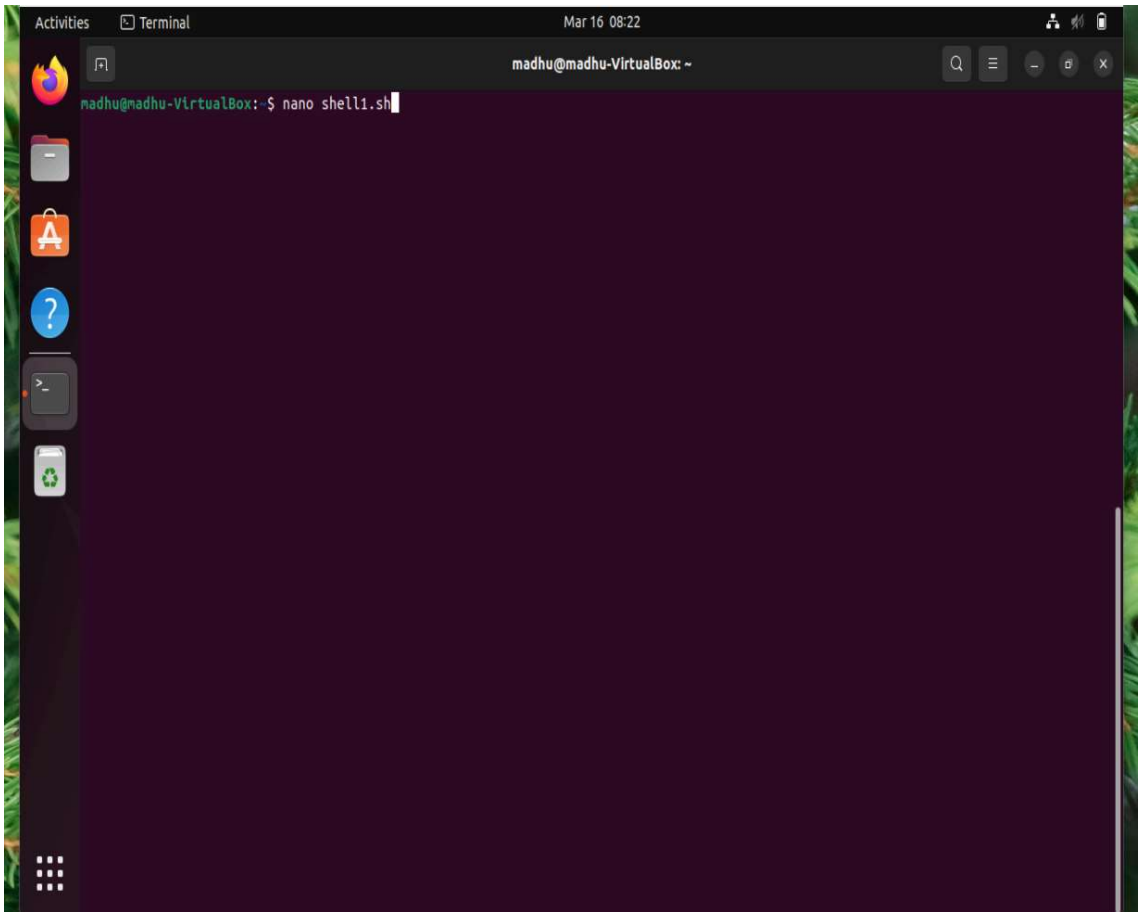
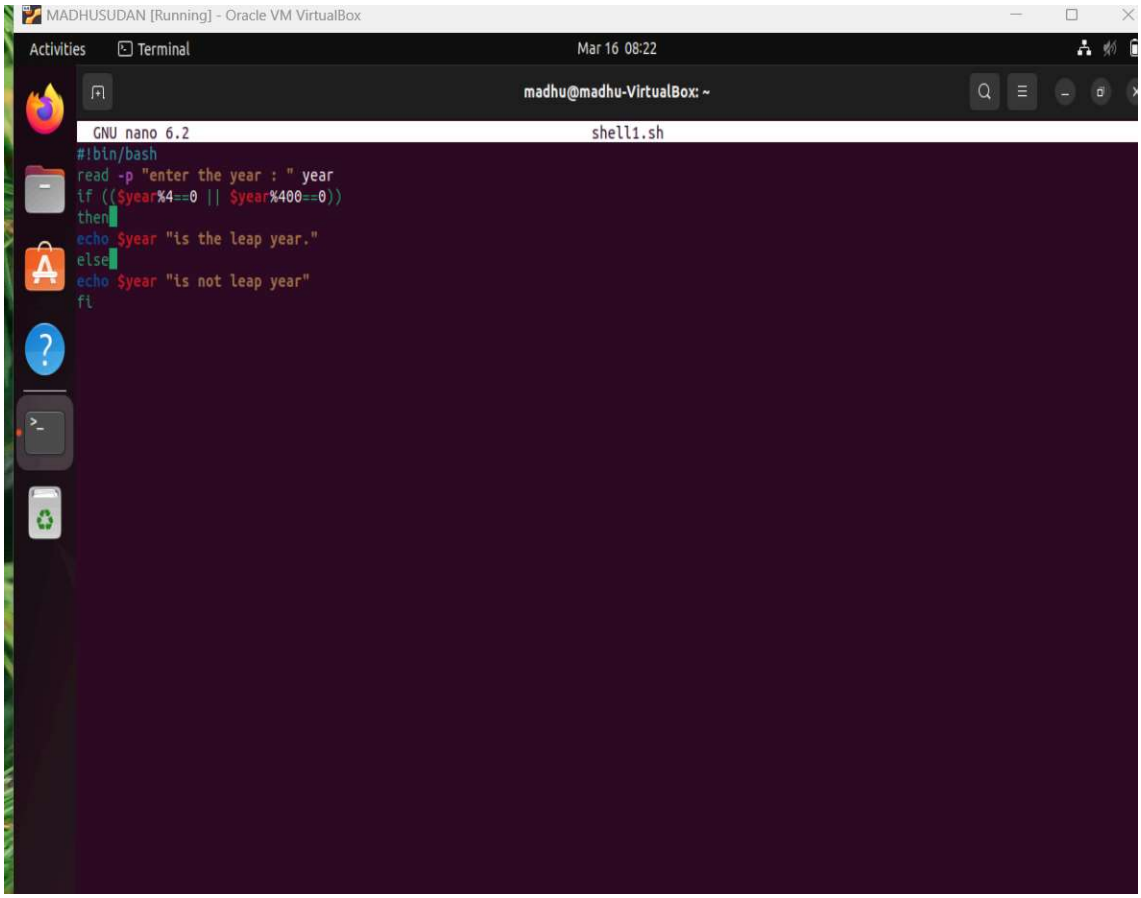
Name:Madhusudan Kumbhar
Set B
Prn:240340325039

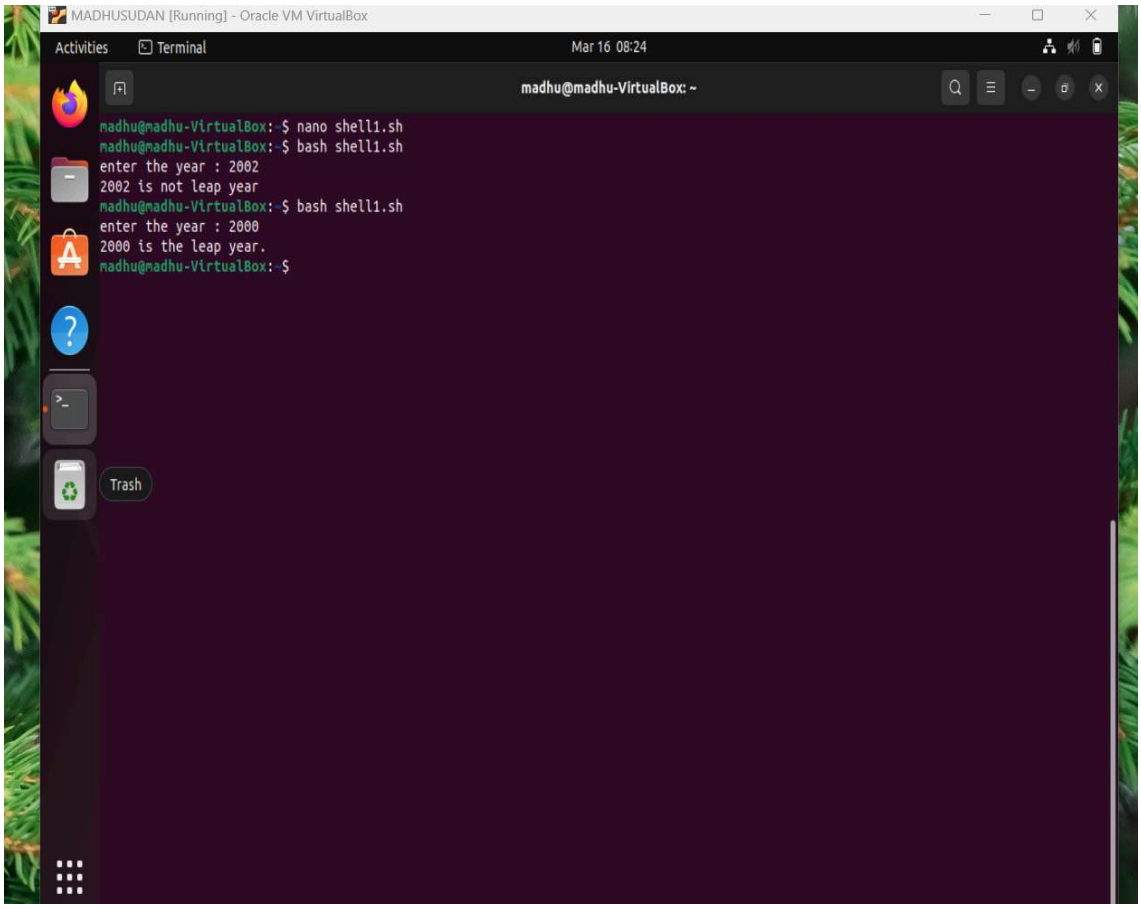
Q1. leap year shell script program
Created nano shell1.sh file




Then write the program for leap year

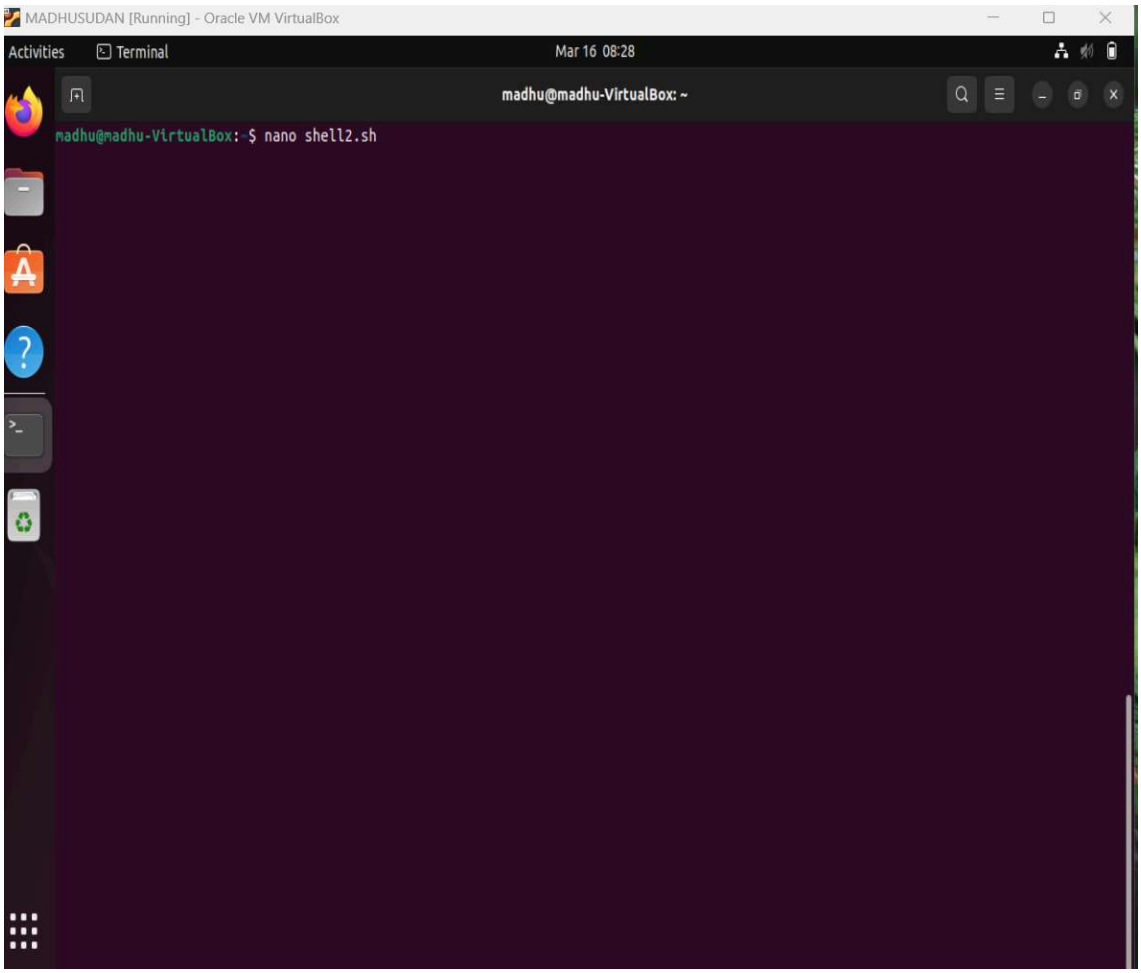

MADHUSUDAN [Running] - Oracle VM VirtualBox
Activities
Terminal
Mar 16 08:22
madhu@madhu-VirtualBox: ~
GNU nano 6.2
shell1.sh
#!bin/bash
read -p "enter the year : " year
if (($year%4==0 || $year%400==0))
then
echo $year "is the leap year."
else
echo $year "is not leap year"
fi

output

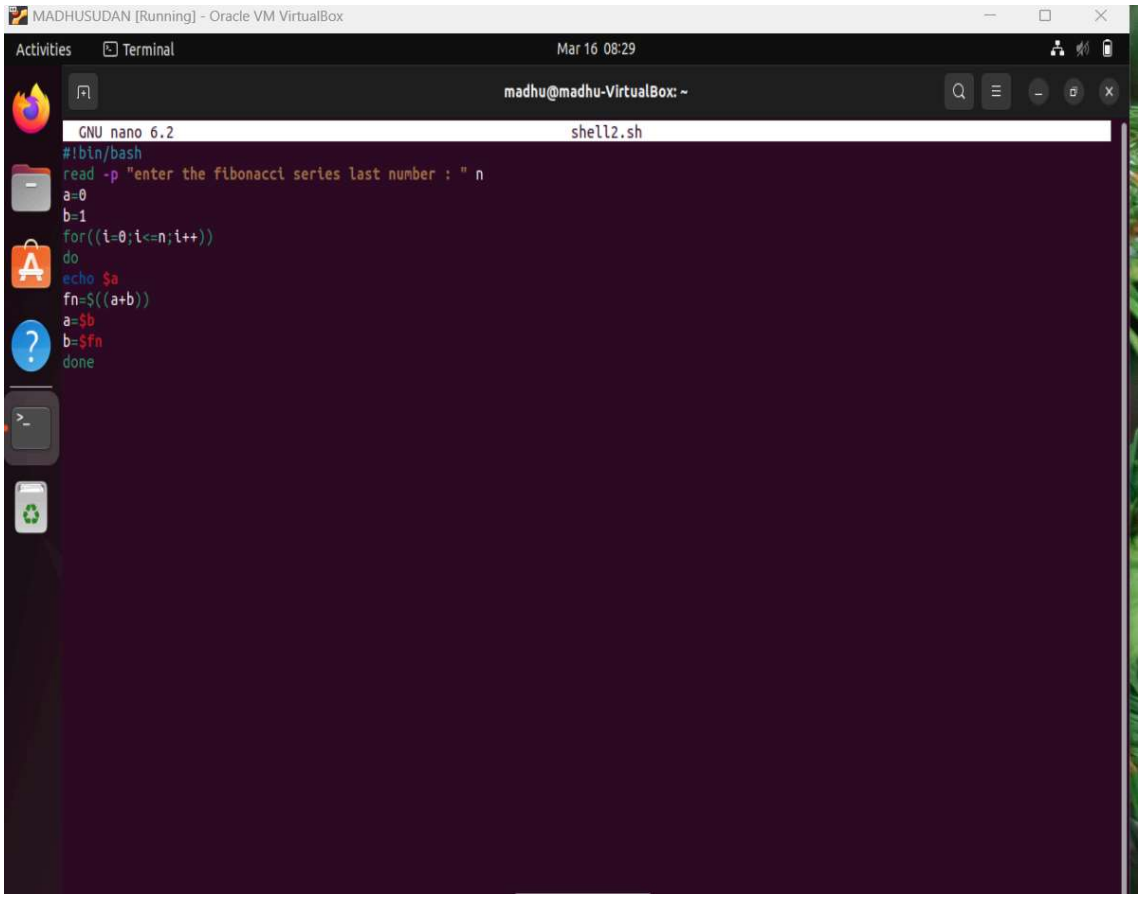



Q2 fibonacci series

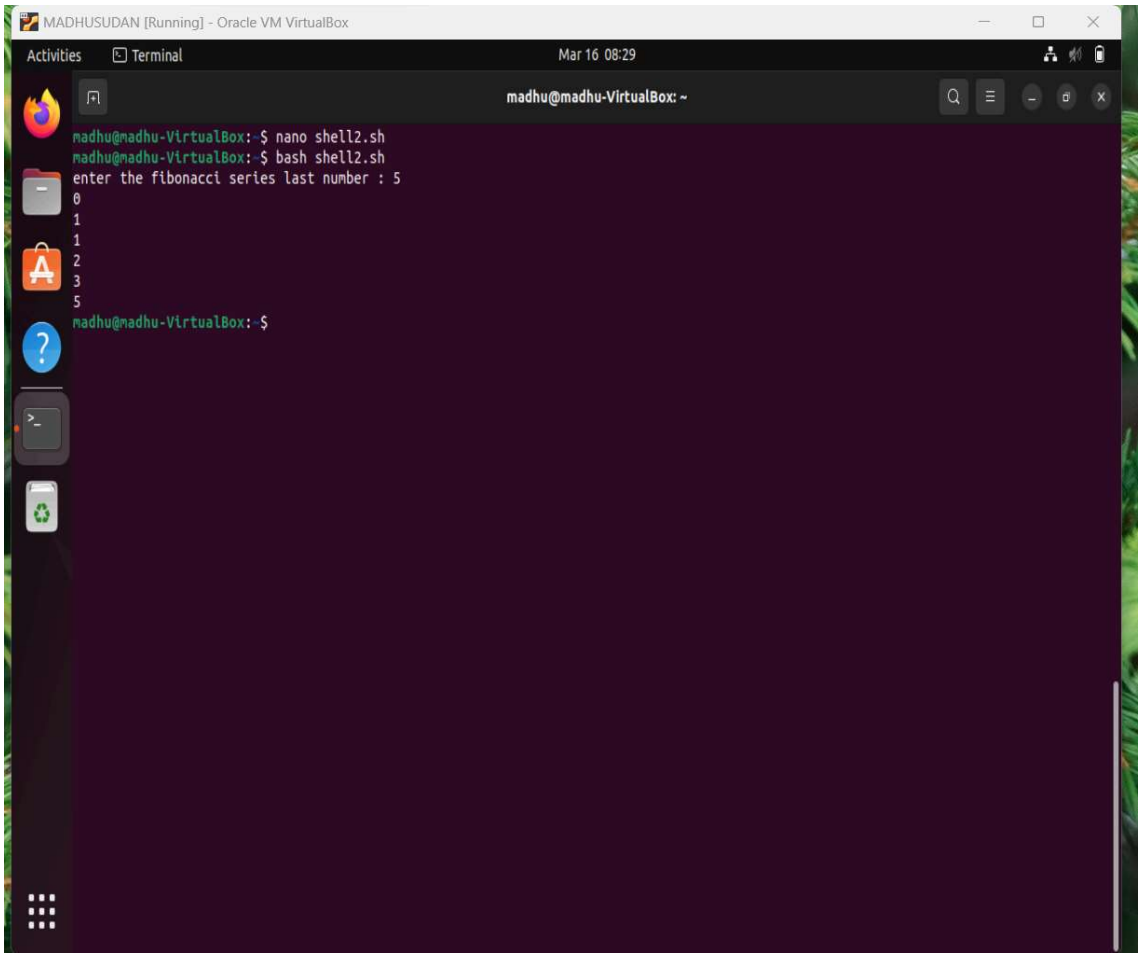
Created shell2.sh file




Then write the code for fibonacci series

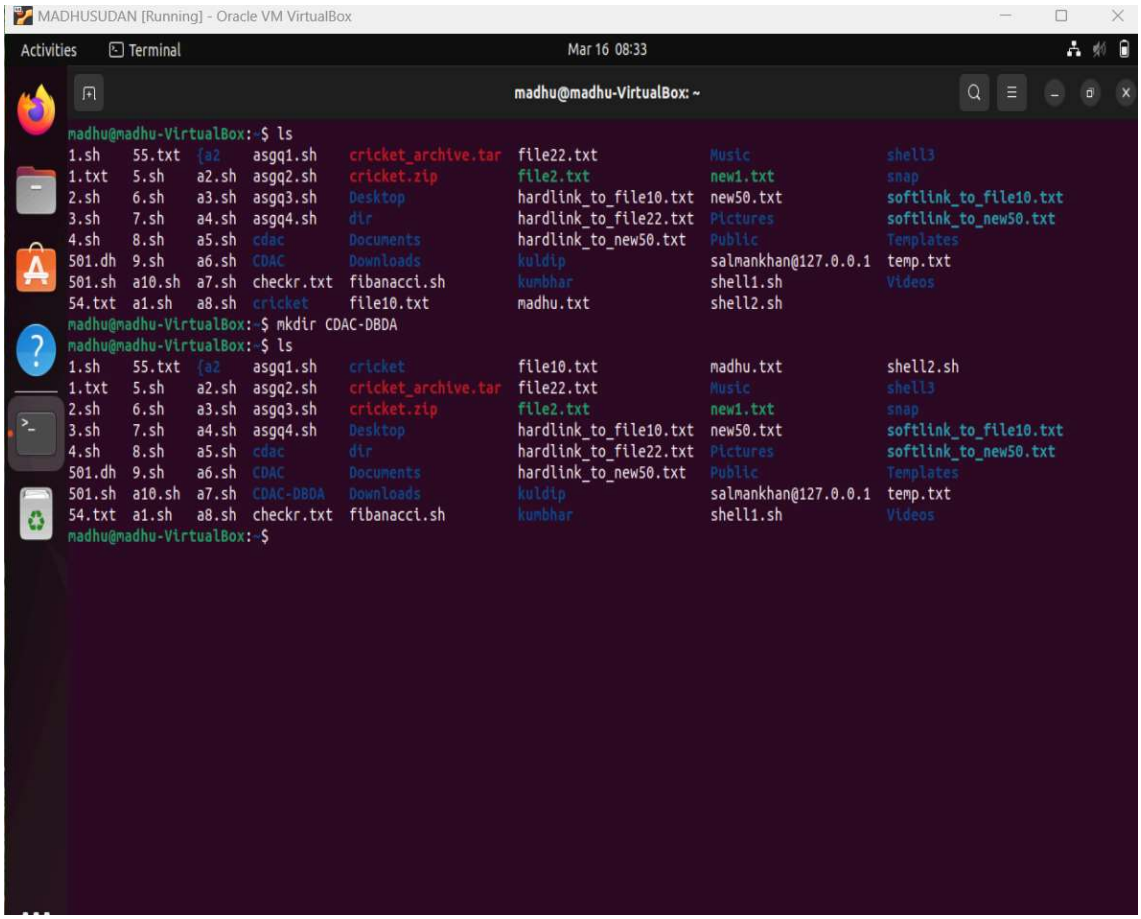

MADHUSUDAN [Running] - Oracle VM VirtualBox
Activities
Terminal
Mar 16 08:29
madhu@madhu-VirtualBox: ~
GNU nano 6.2
shell2.sh
#!bin/bash
read -p "enter the fibonacci series last number : " n
a=0
b=1
for((i=0;i<=n;i++))
do
echo $a
fn=$((a+b))
a=$b
b=$fn
done

output



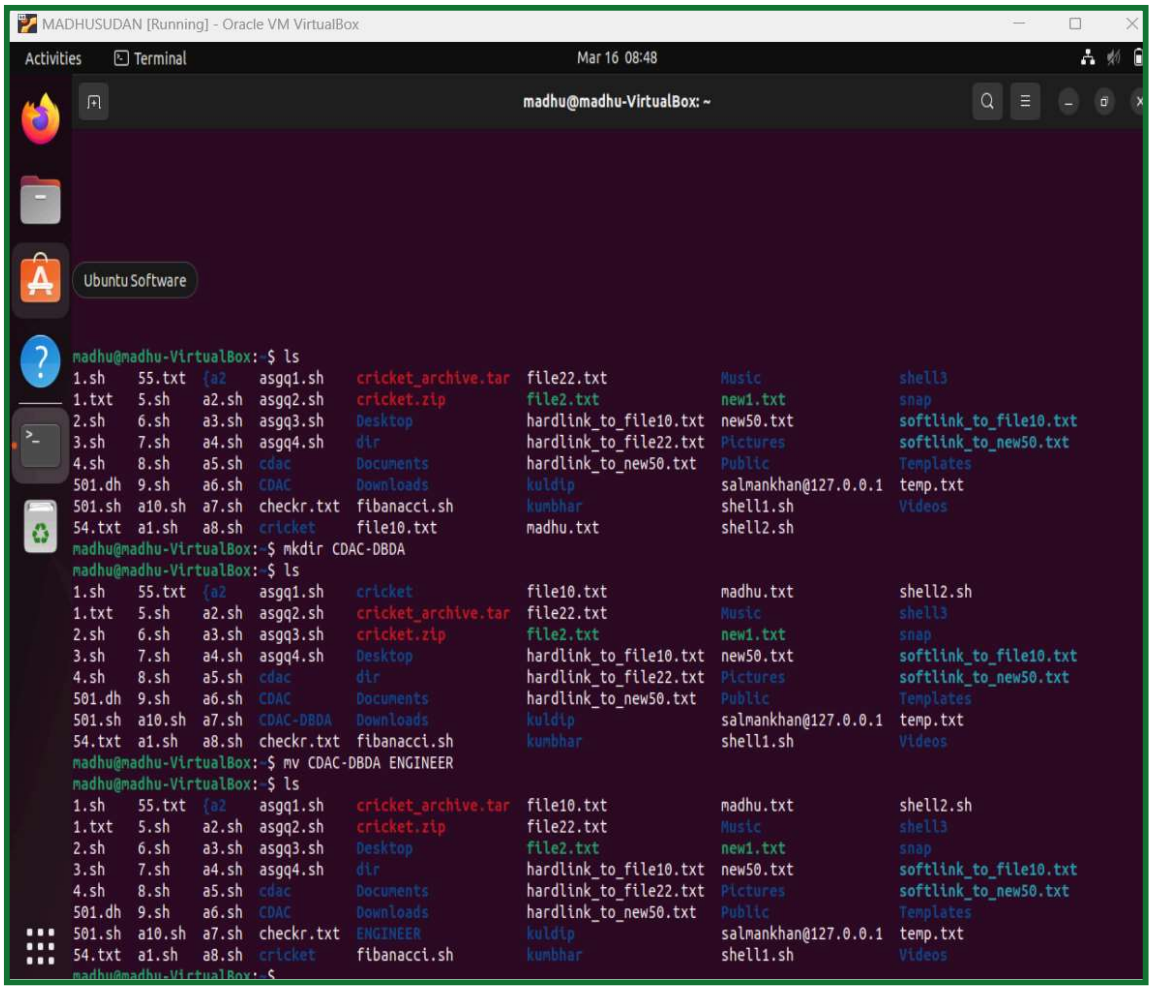

Q3

A.create directory with name CDAC-DBDA




CDAC-DBDA is created

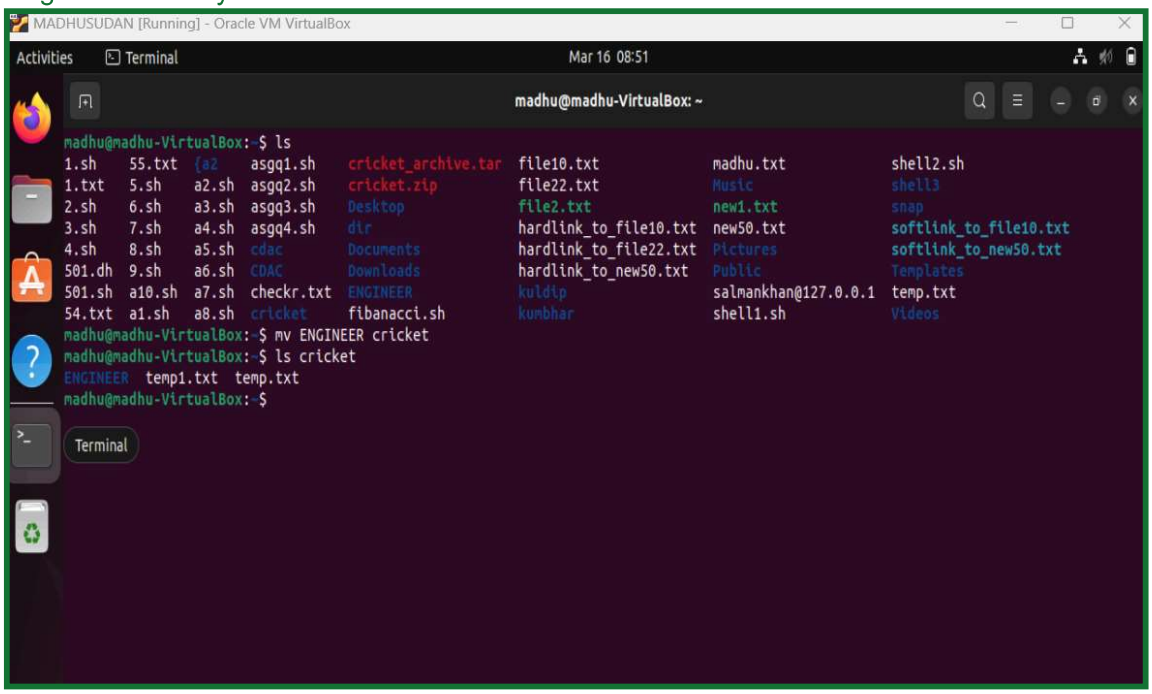
B.rename CDAC-DBDA with ENGINEER




Name get changed with ENGINEER

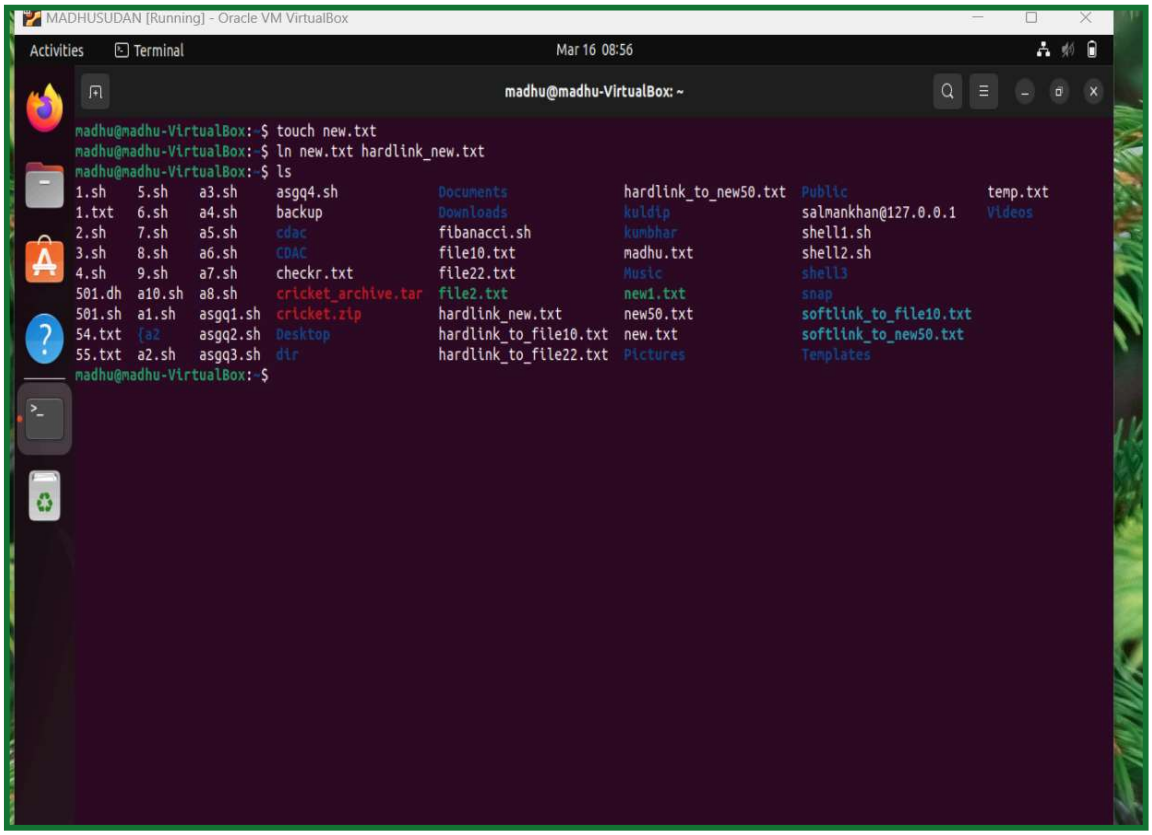
C.move directory to new location

Engineer directory moved to cricket




D delete the directory

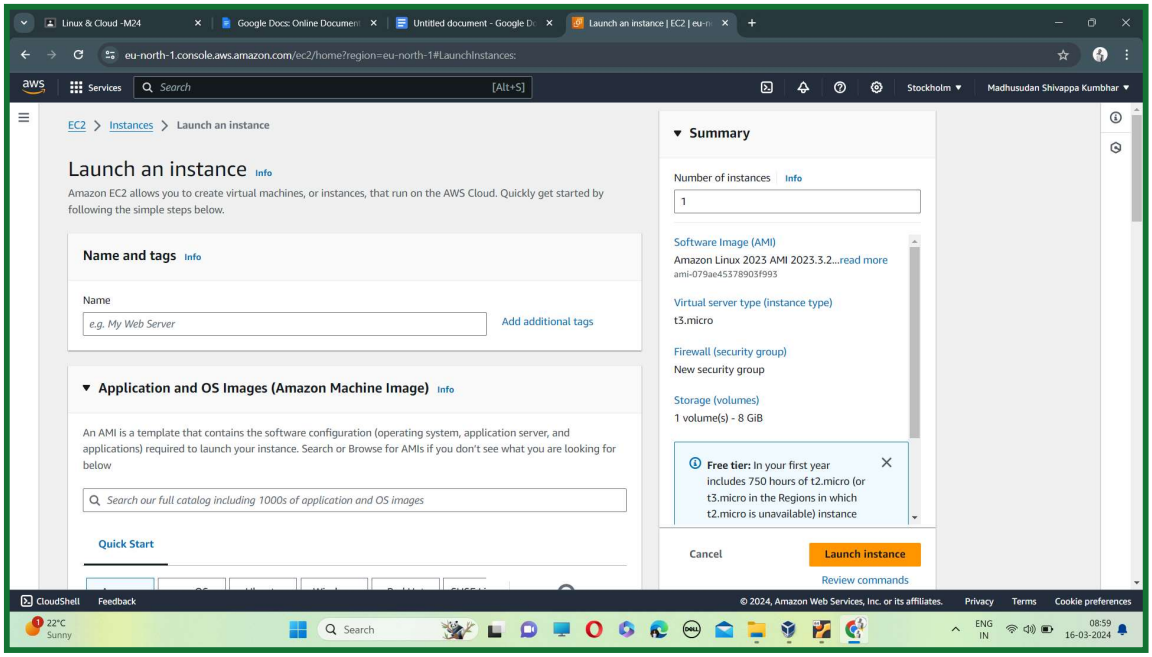

E. create new file and create hardlink



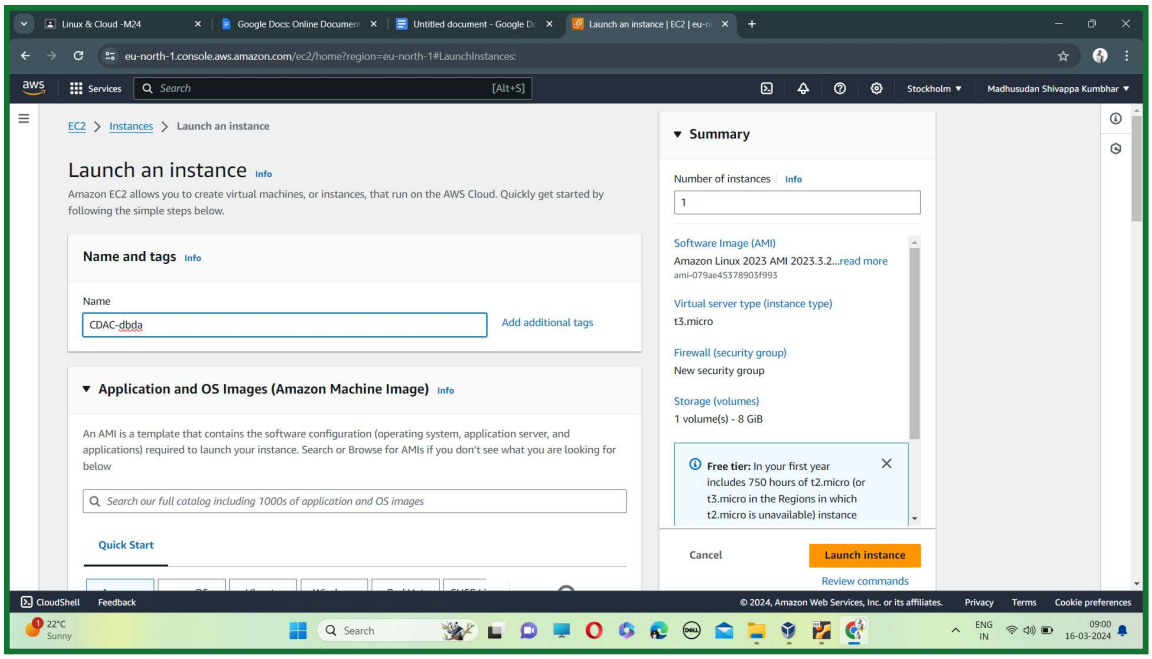

Cloud question

1.EC2

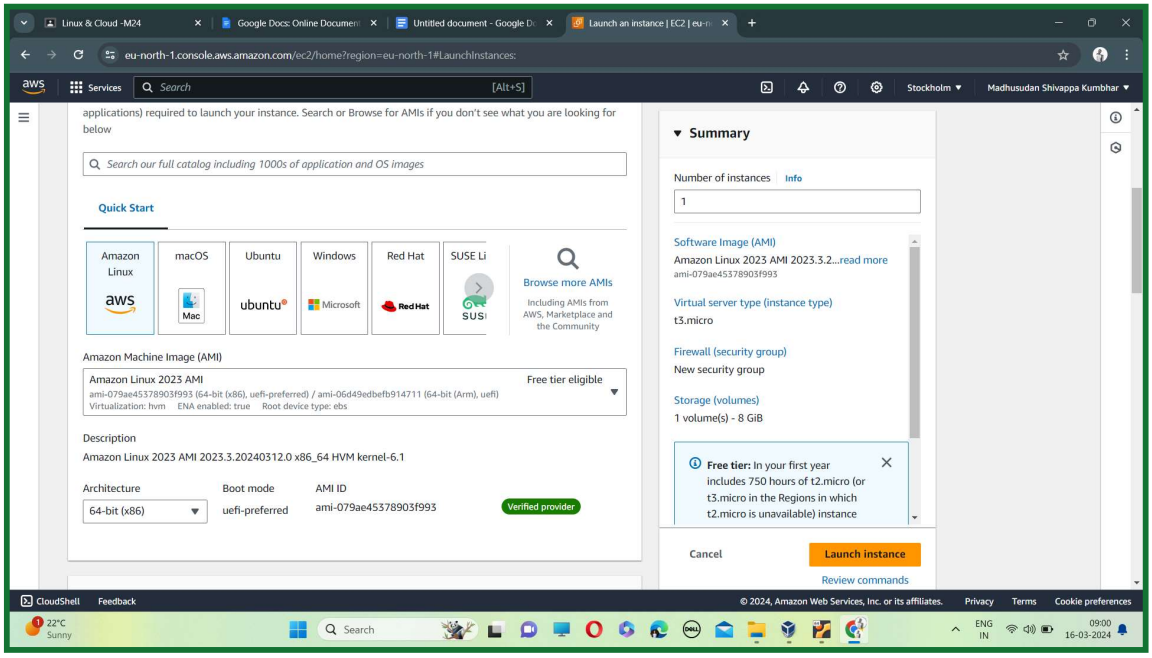
Open aws and create instance



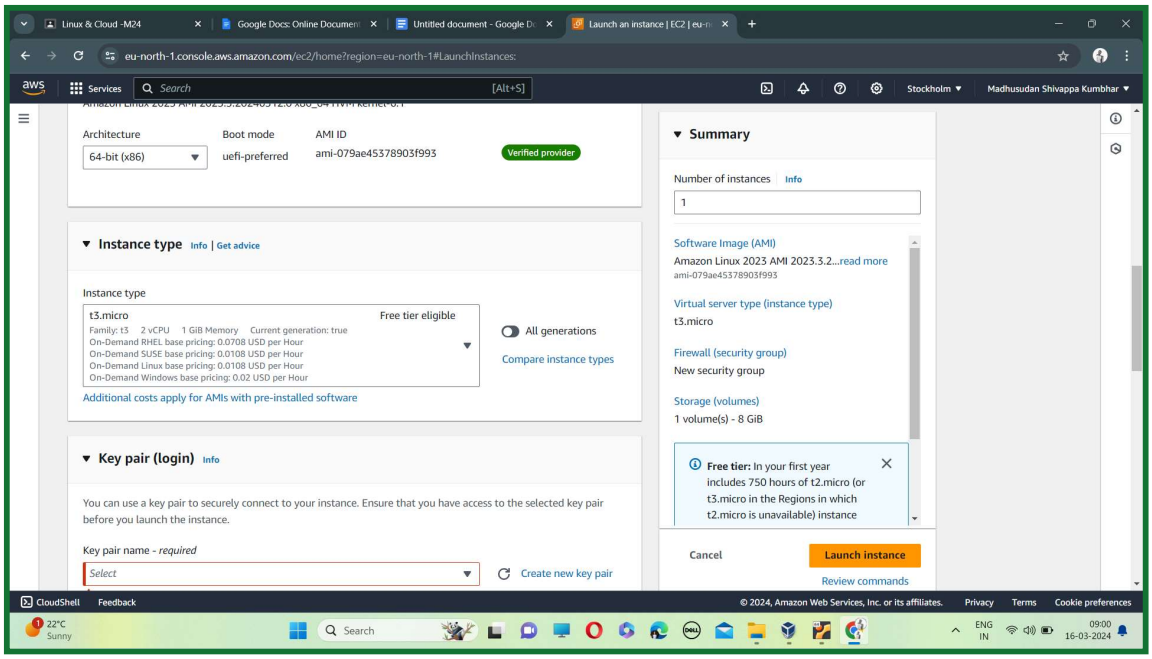
Given name to instance i.e. CDAC-dbda



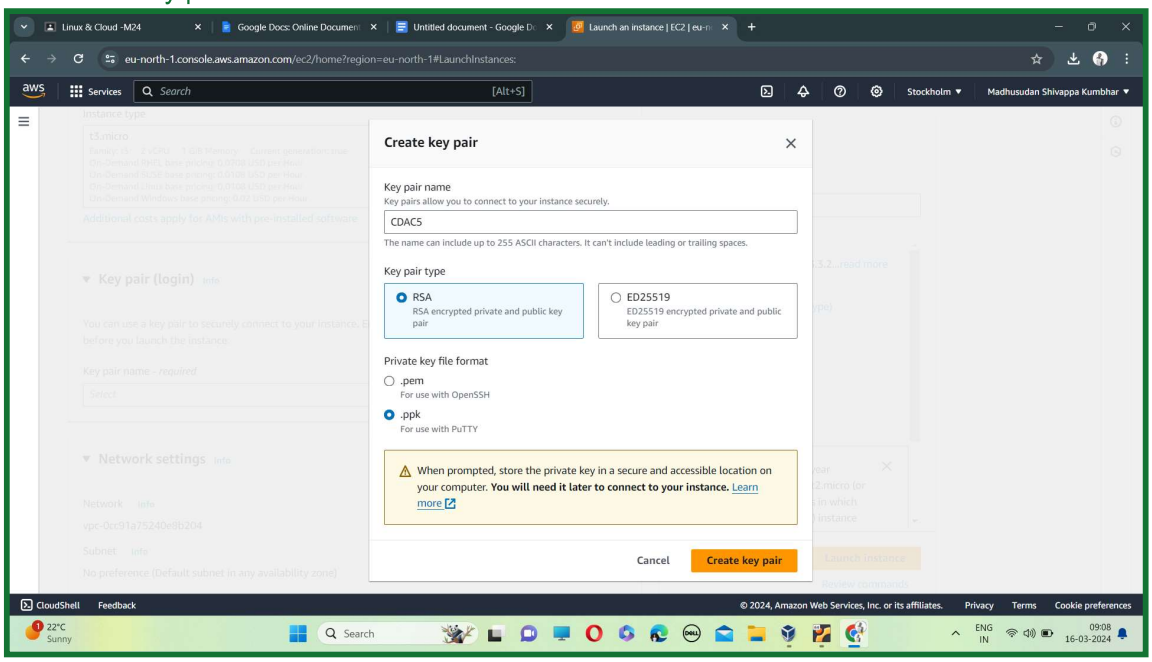

Select amazon linux



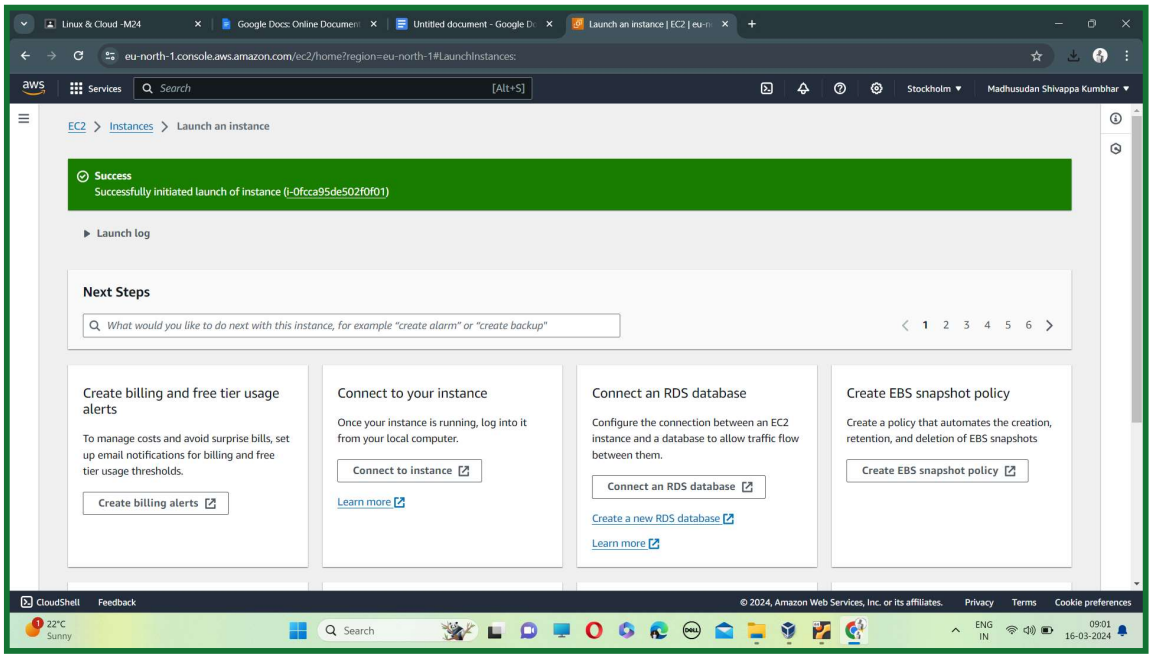
## Select free tier



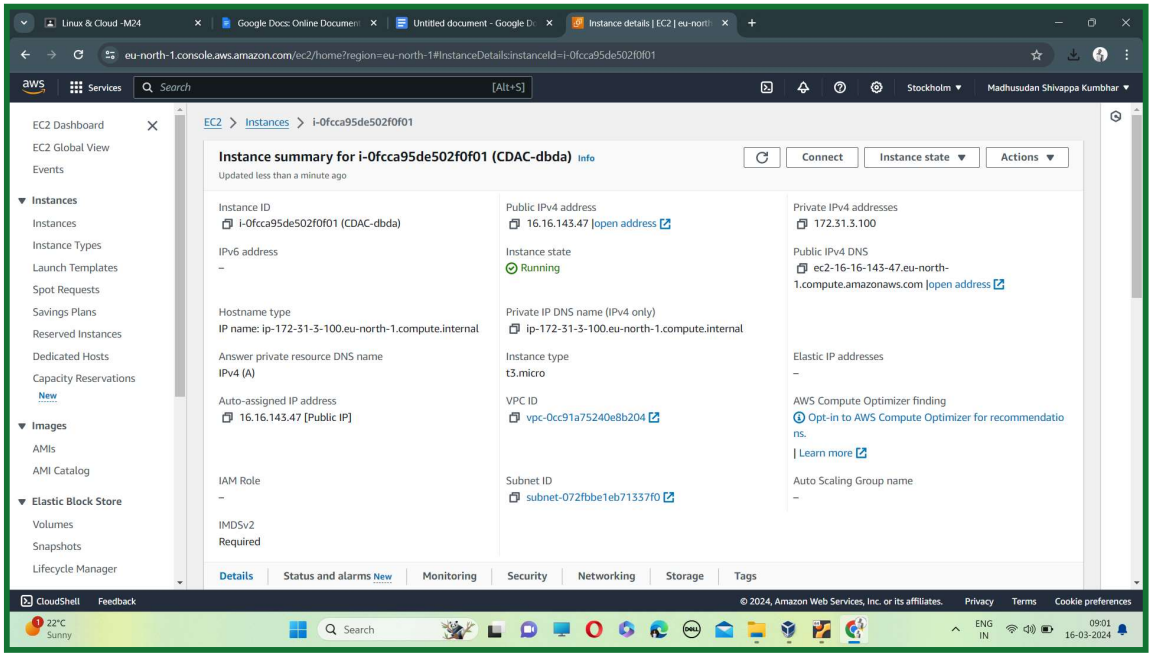

## Created a key pair of name CDAC5



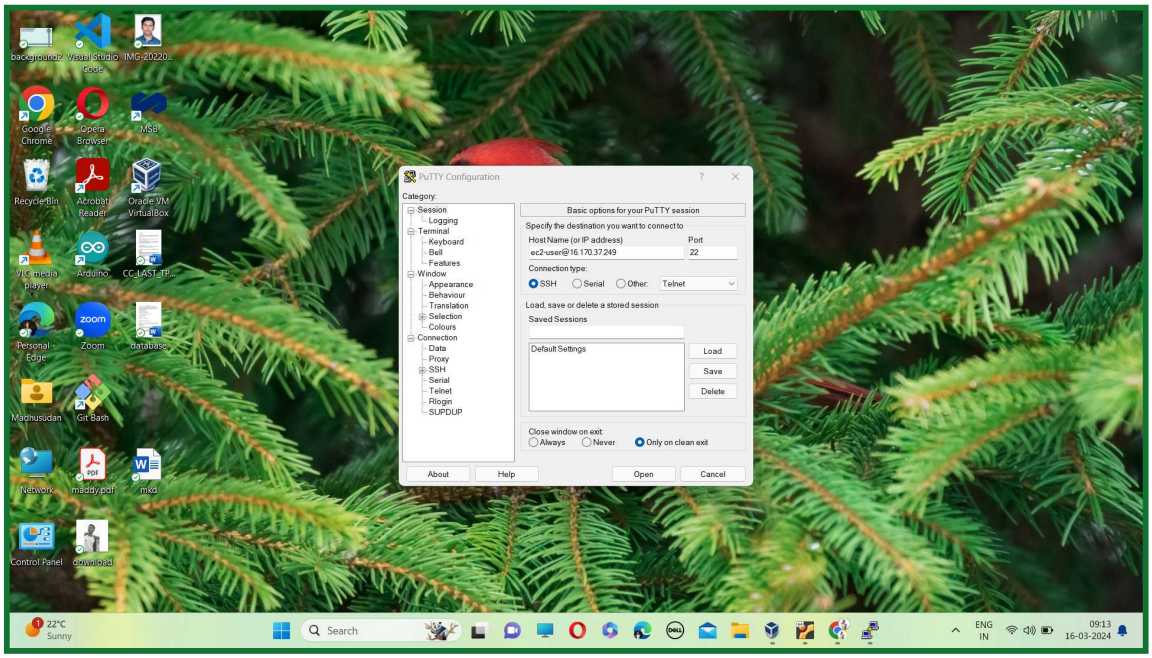

## Launch the instance and it is succesfully created



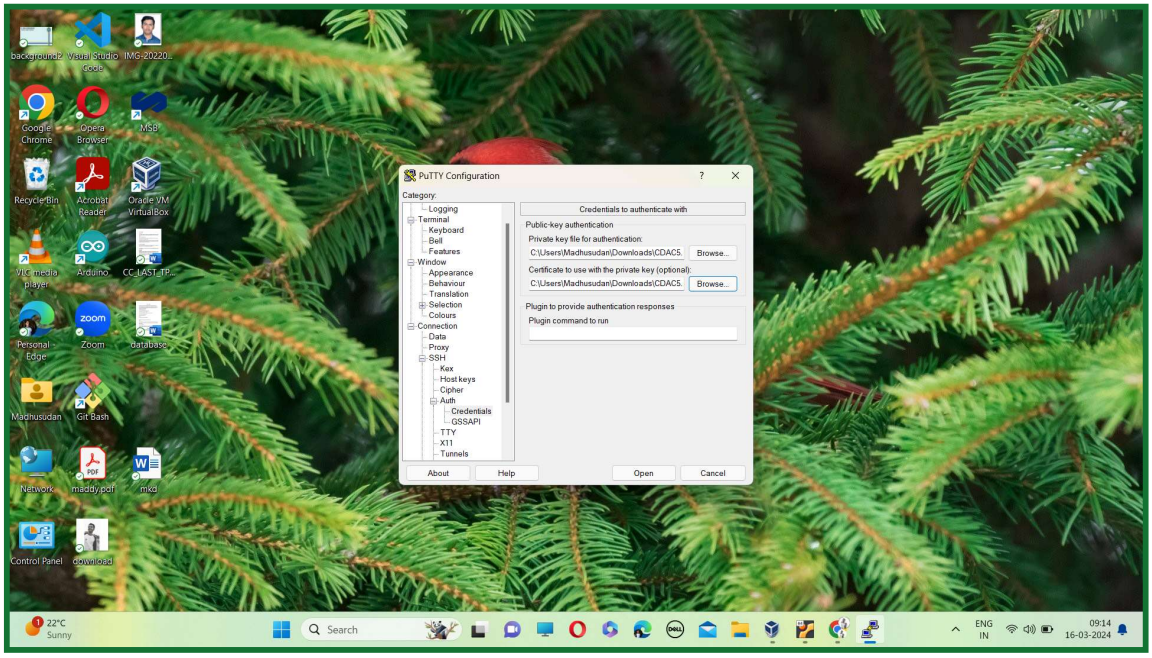

Copy the public address

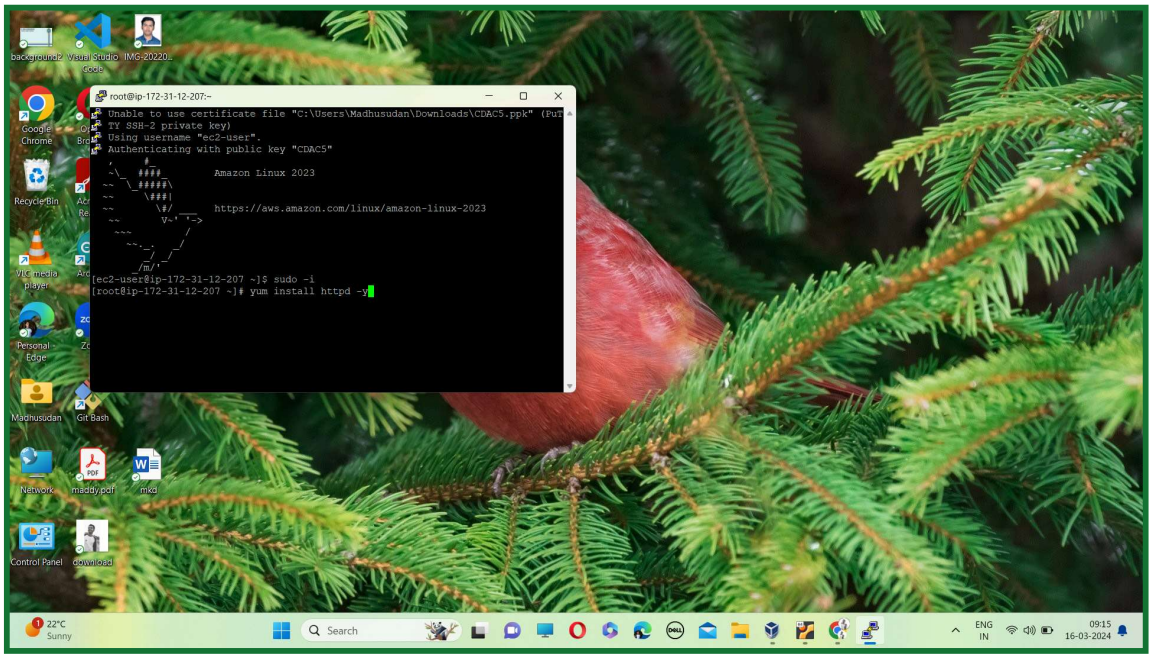



Open putty and give user name
ec2-user@"ip adress "

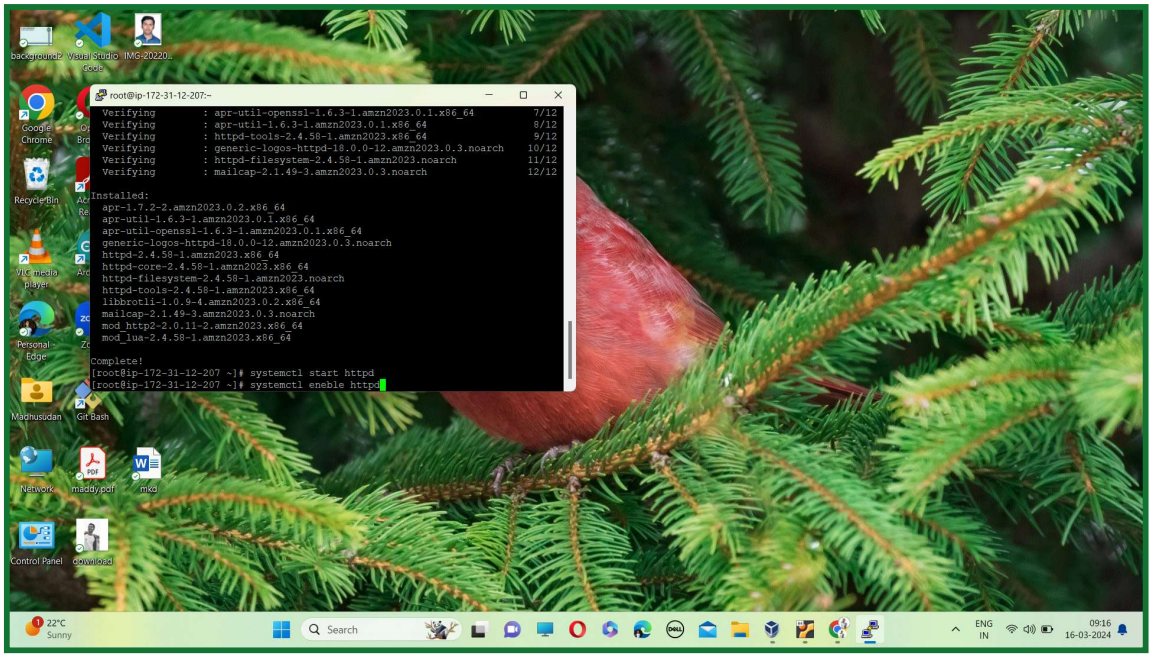


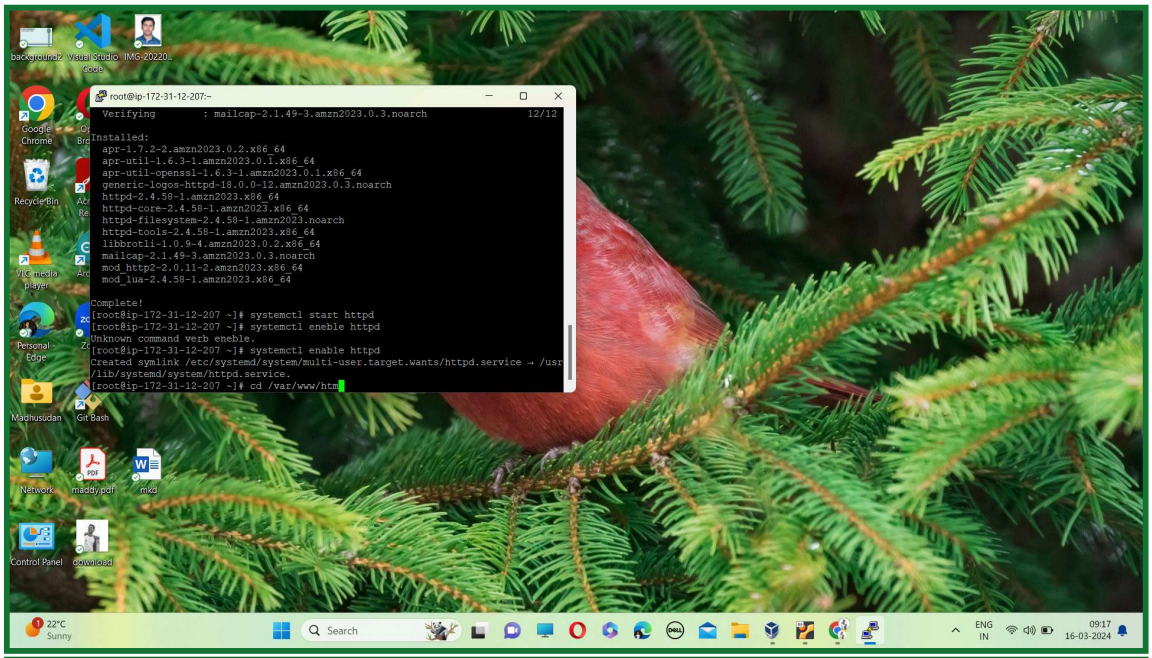

Give key pair

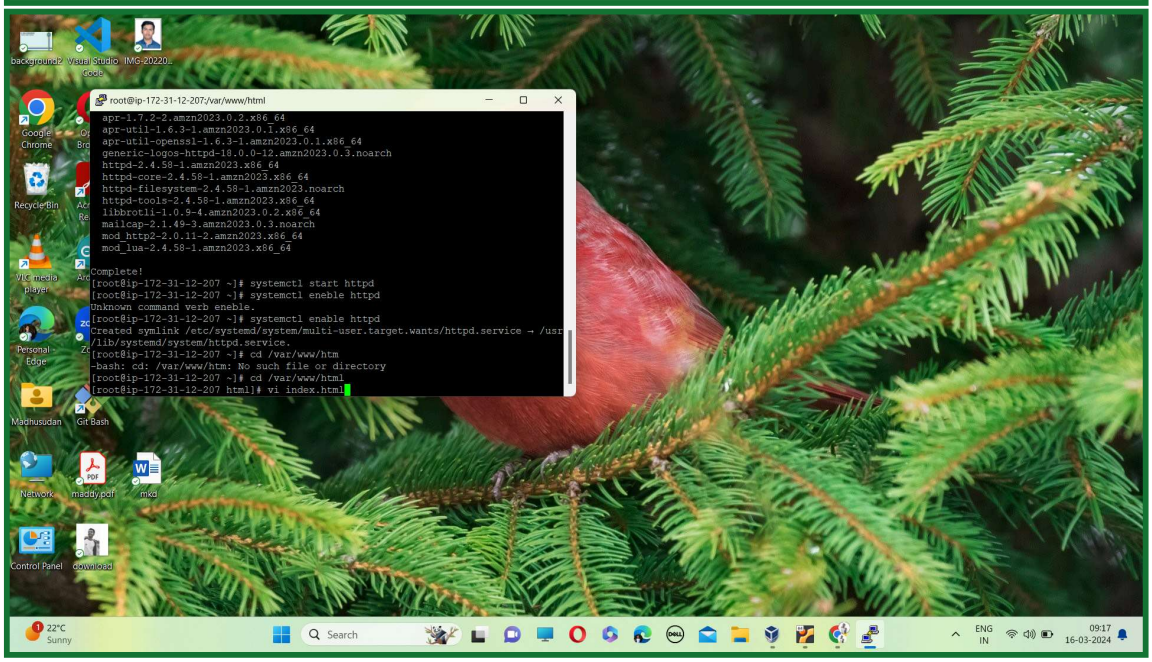


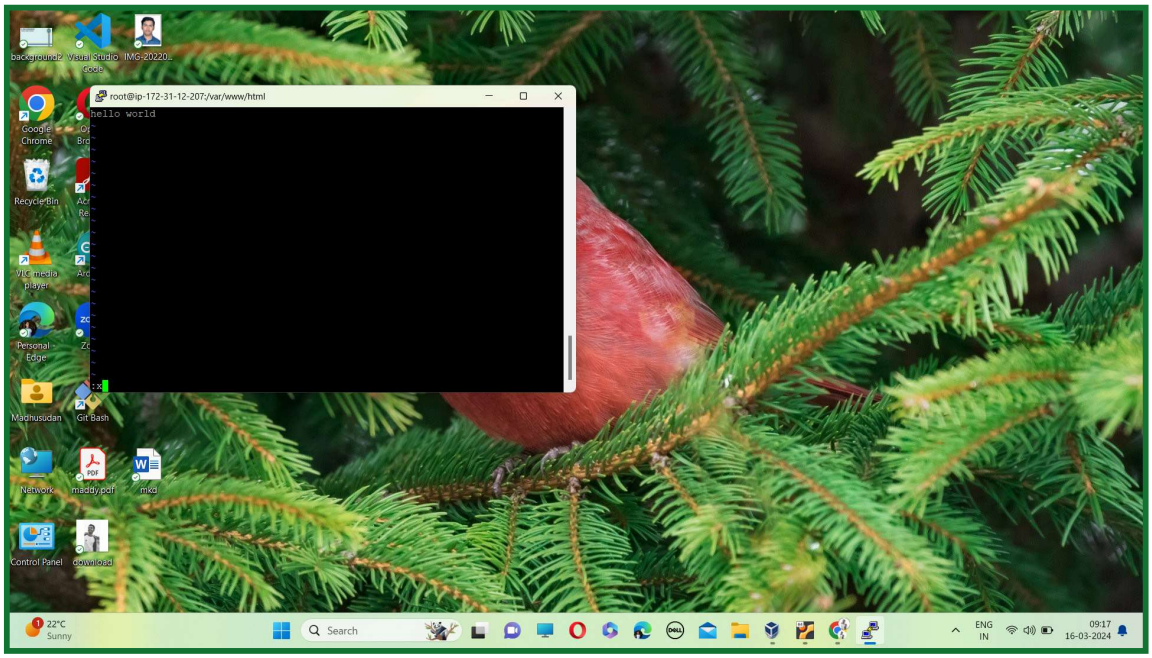



In terminal run commands
1.sudo -i
2.yum install httpd -y
3.systemctl start httpd
4.systemctl enable httpd
5.cd /var/www/html
6.vi .index.html
7.write hello world in it

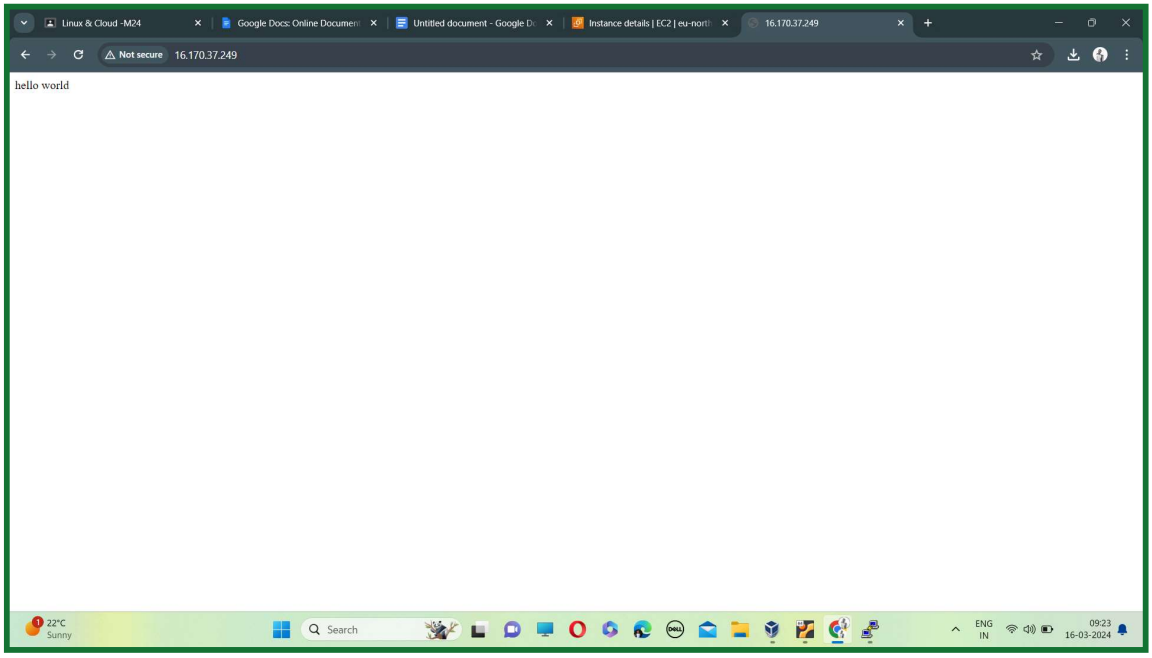



root@ip-172-31-12-207:~
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch 12/12
Installed:
apr-1.7.2-2.amzn2023.0.2.x86_64
apr-util-1.6.3-1.amzn2023.0.1.x86_64
apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
httpd-2.4.58-1.amzn2023.x86_64
httpd-core-2.4.58-1.amzn2023.x86_64
httpd-filesystem-2.4.58-1.amzn2023.noarch
httpd-tools-2.4.58-1.amzn2023.x86_64
libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch
mod_http2-2.0.11-2.amzn2023.x86_64
mod_lua-2.4.58-1.amzn2023.x86_64
Complete!
[root@ip-172-31-12-207 ~]# systemctl start httpd
[root@ip-172-31-12-207 ~]# systemctl eneble httpd
Unknown command verb eneble.
[root@ip-172-31-12-207 ~]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-12-207 ~]# cd /var/www/htm
Search
ENG IN
09:17 16-03-2024


root@ip-172-31-12-207:/var/www/html
apr-1.7.2-2.amzn2023.0.2.x86_64
apr-util-1.6.3-1.amzn2023.0.1.x86_64
apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
httpd-2.4.58-1.amzn2023.x86_64
httpd-core-2.4.58-1.amzn2023.x86_64
httpd-filesystem-2.4.58-1.amzn2023.noarch
httpd-tools-2.4.58-1.amzn2023.x86_64
libbrotli-1.0.9-4.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch
mod_http2-2.0.11-2.amzn2023.x86_64
mod_lua-2.4.58-1.amzn2023.x86_64
Complete!
[root@ip-172-31-12-207 ~]# systemctl start httpd
[root@ip-172-31-12-207 ~]# systemctl eneble httpd
Unknown command verb eneble.
[root@ip-172-31-12-207 ~]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-12-207 ~]# cd /var/www/htm
-bash: cd: /var/www/htm: No such file or directory
[root@ip-172-31-12-207 ~]# cd /var/www/html
[root@ip-172-31-12-207 html]# vi index.html
Search
ENG IN
09:17 16-03-2024

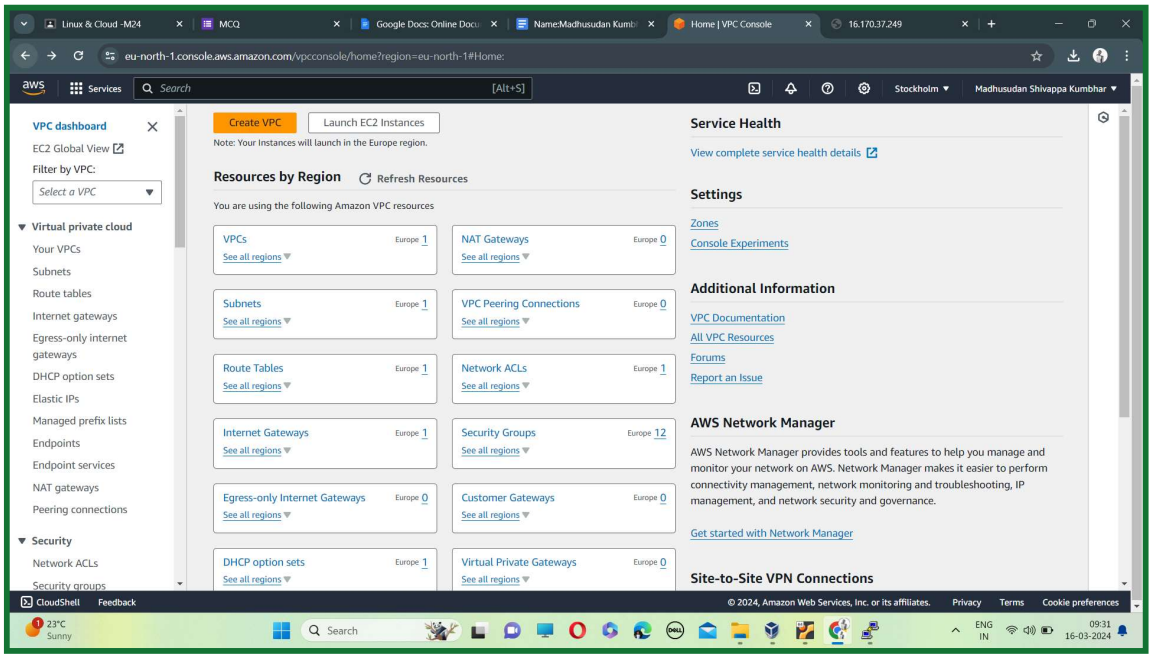



Copy that public address and run on chrome you can see html file

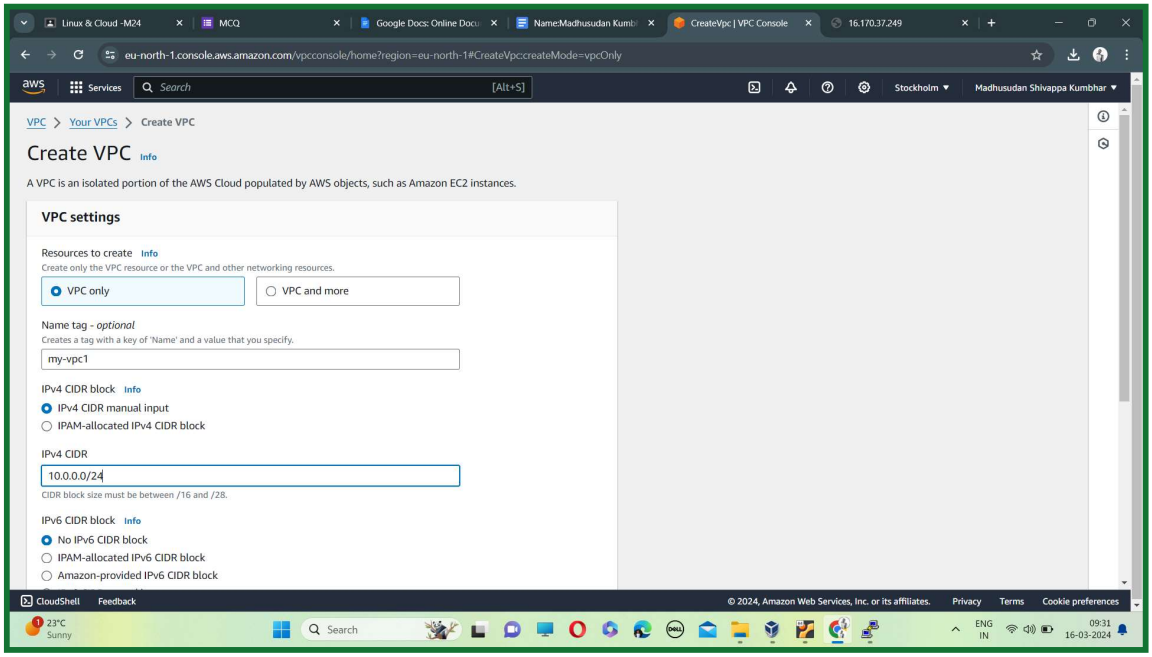



2.vpc

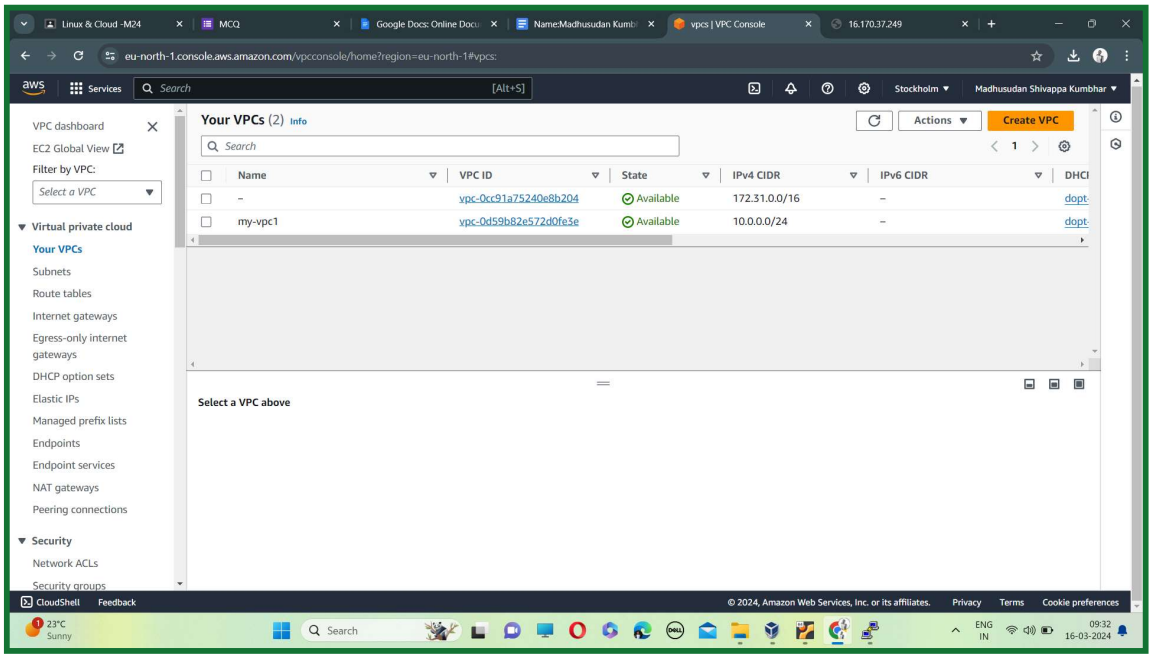
Create vpc



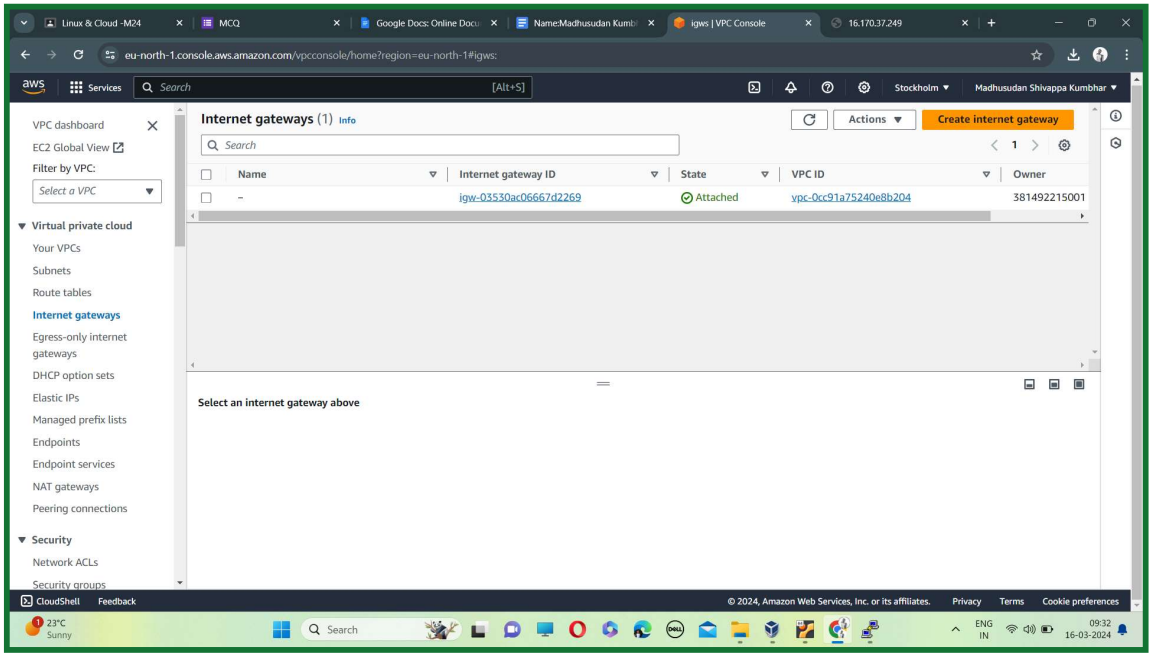

Give name my-vpc1



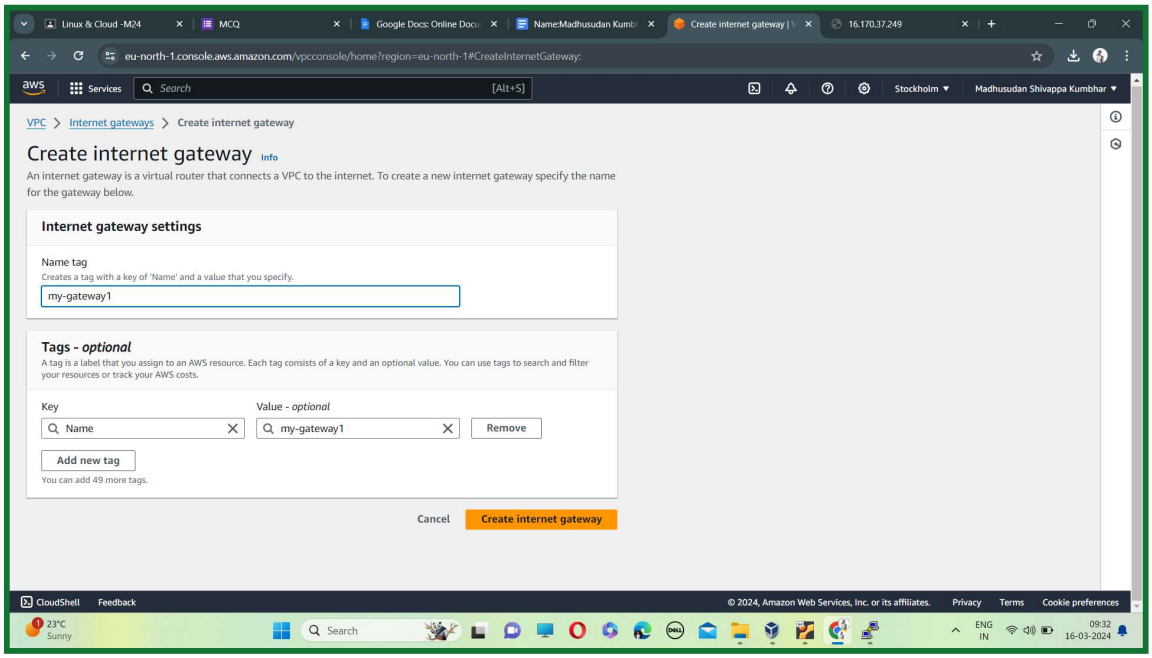

Successfully created



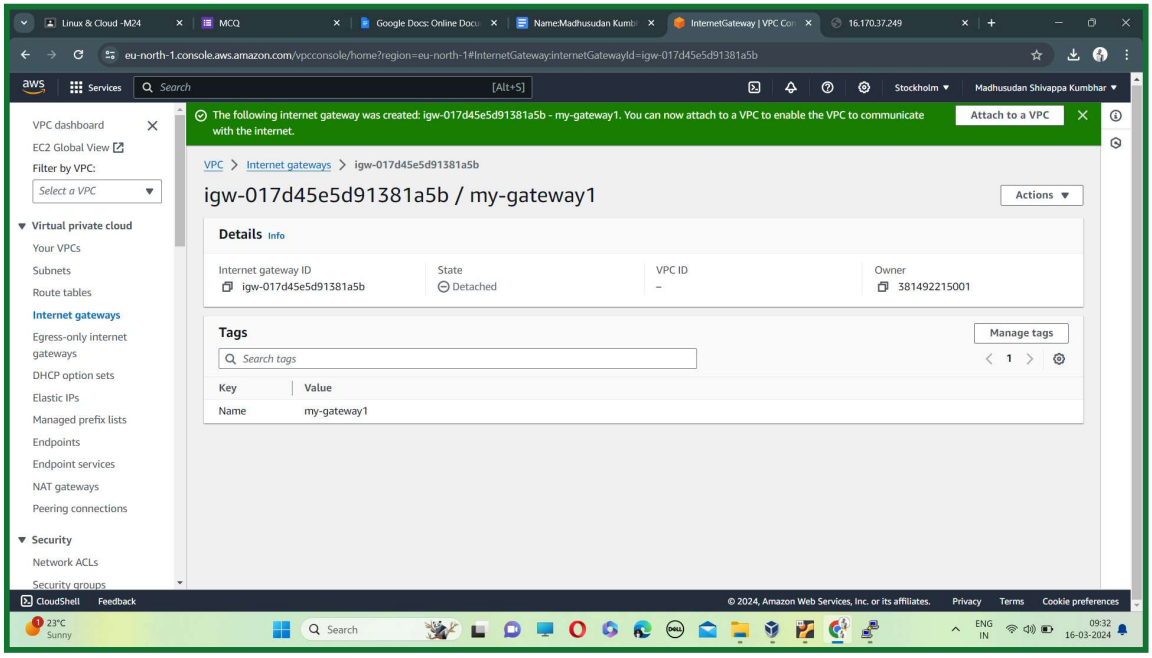

## Create inetrnet gateway



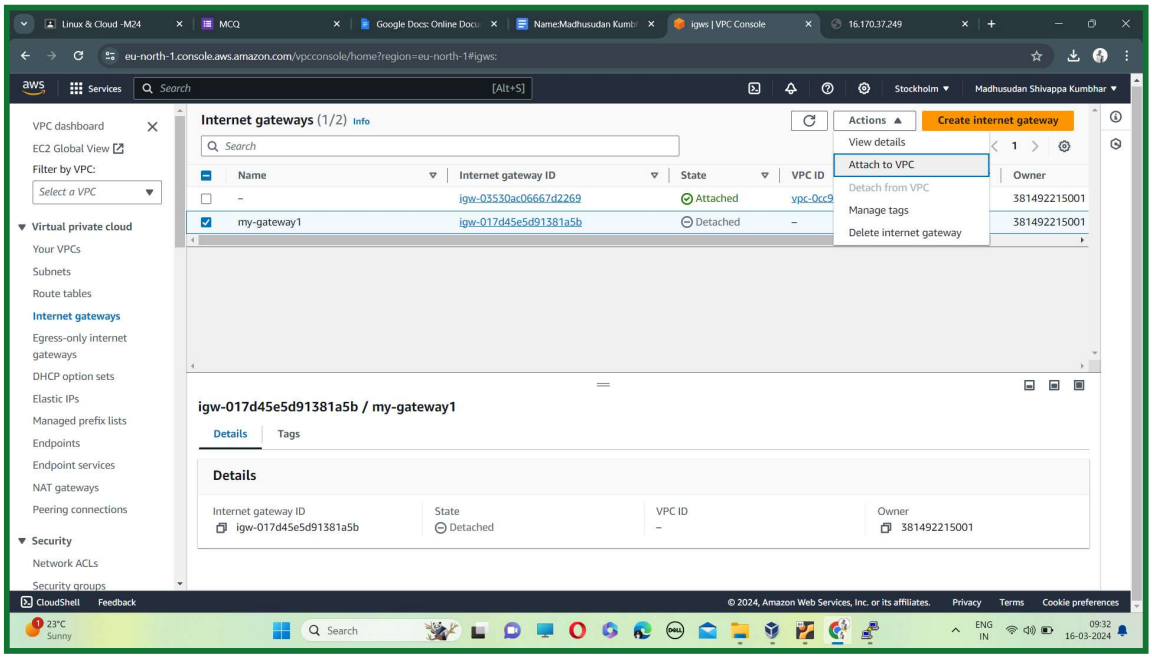

## Give name my-gateway1

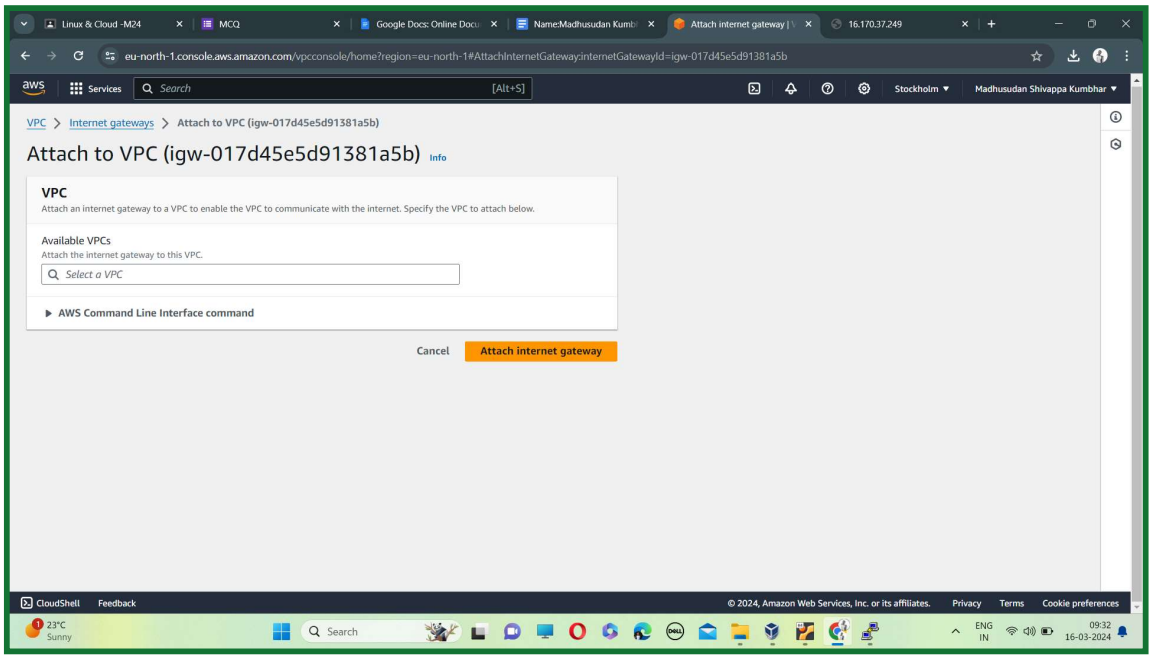



Succesfully created

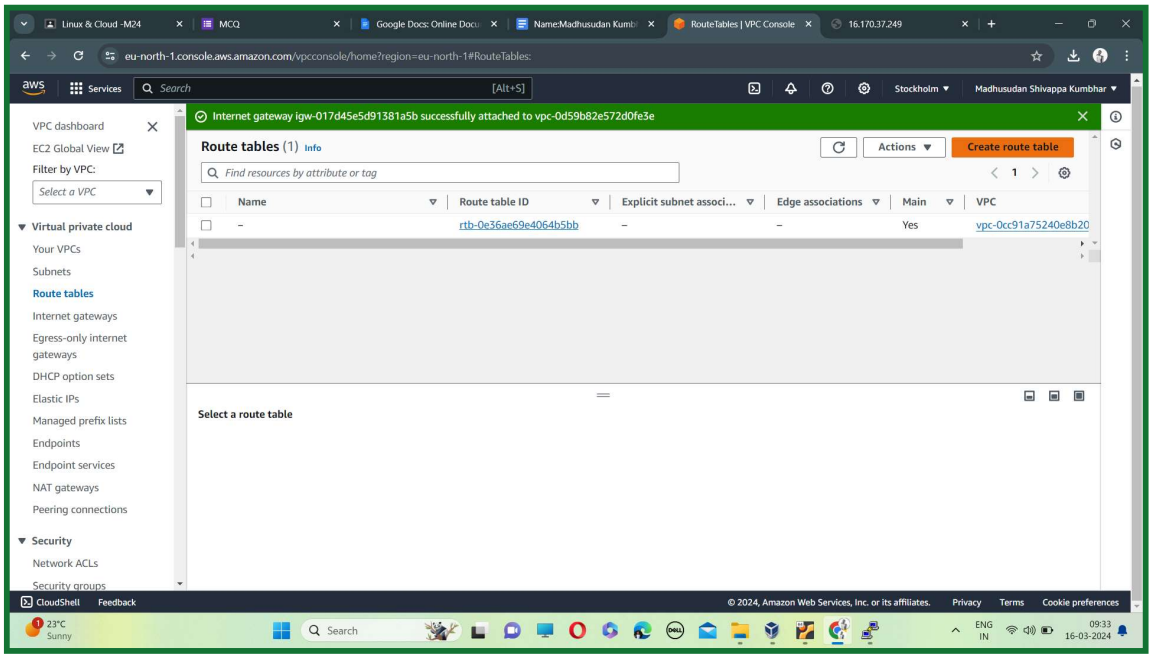



Attach gateway to vpc

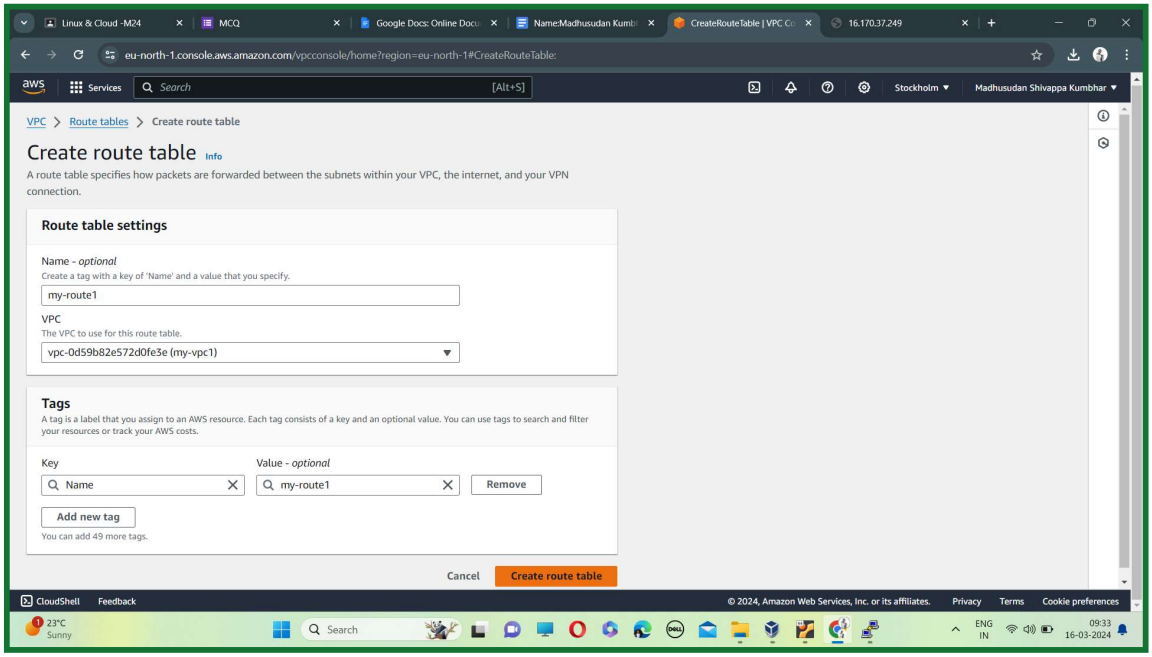


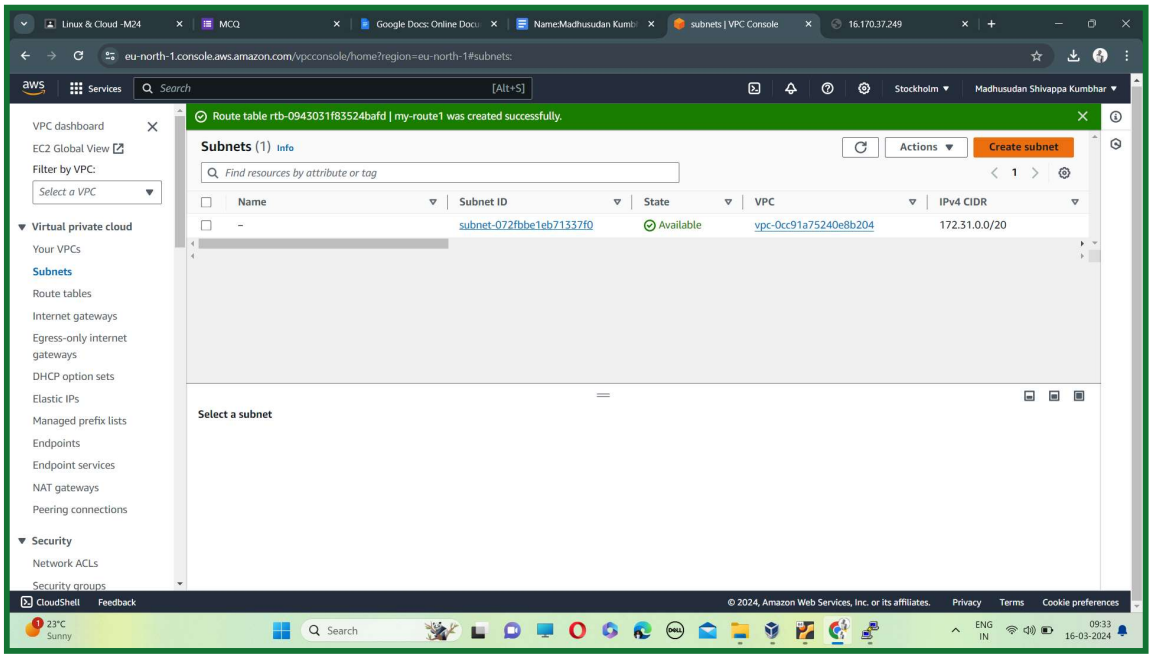

Succesfully attached



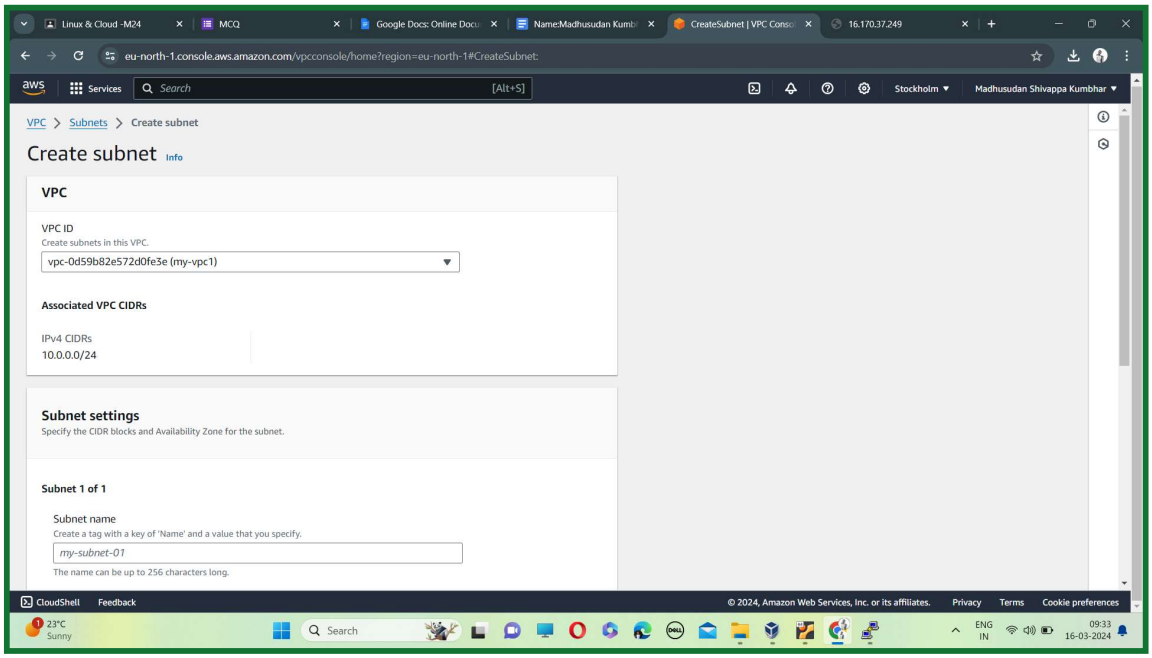

Create rout give name my-route1

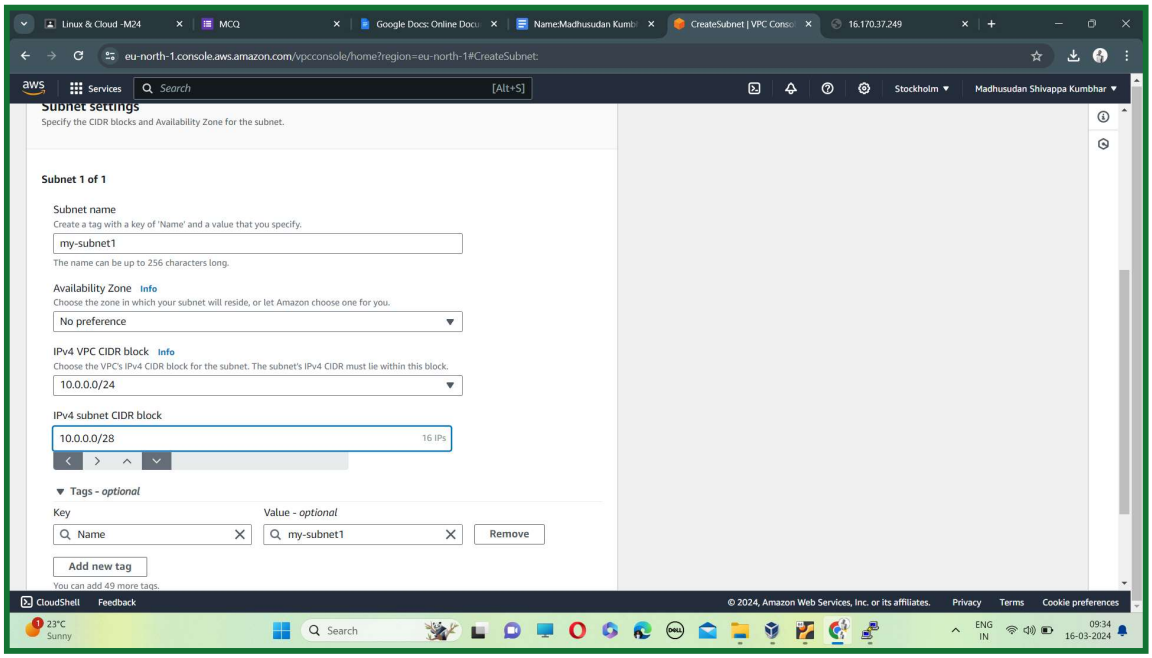


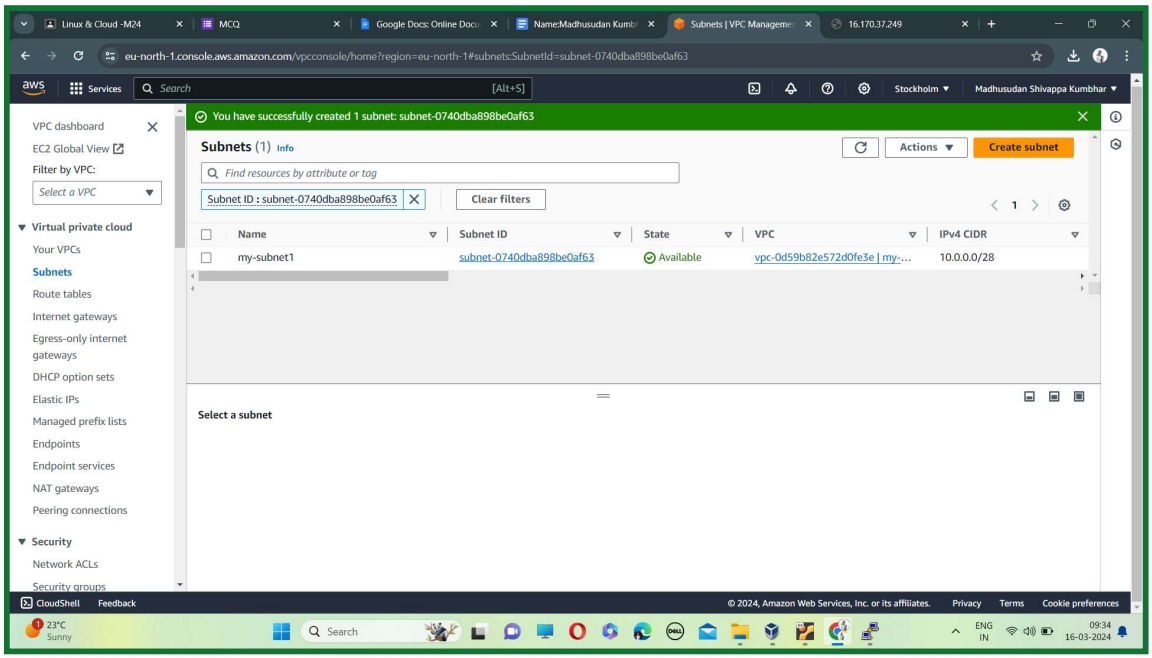

Route is succesfilly created



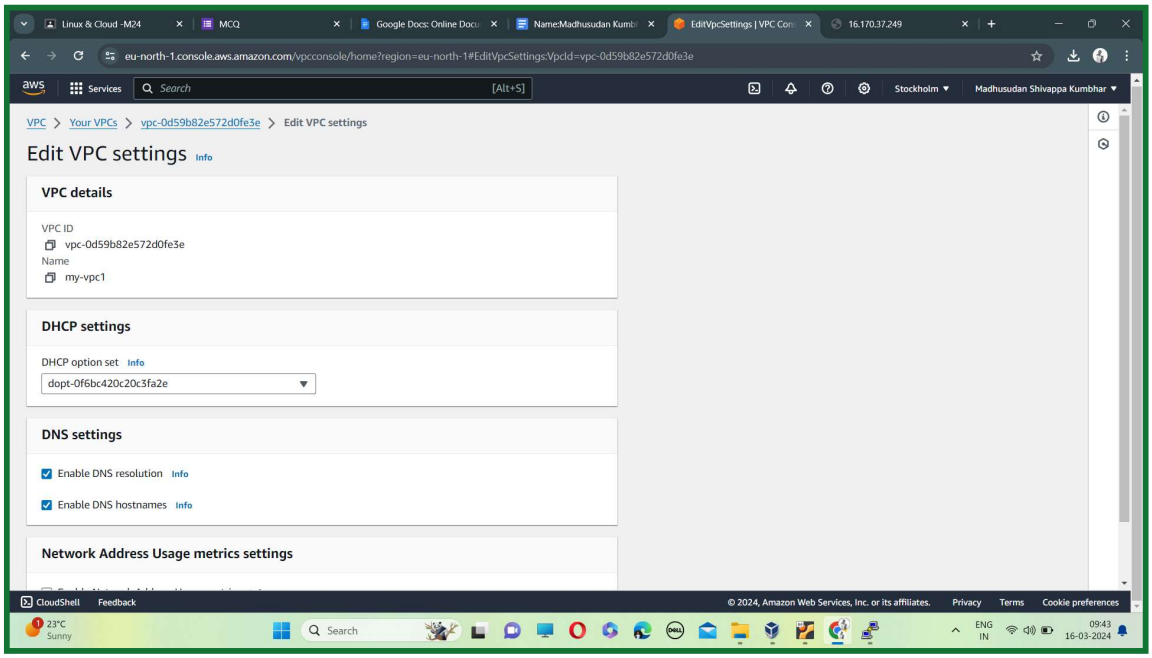

Create subnet and give name my-subnet1



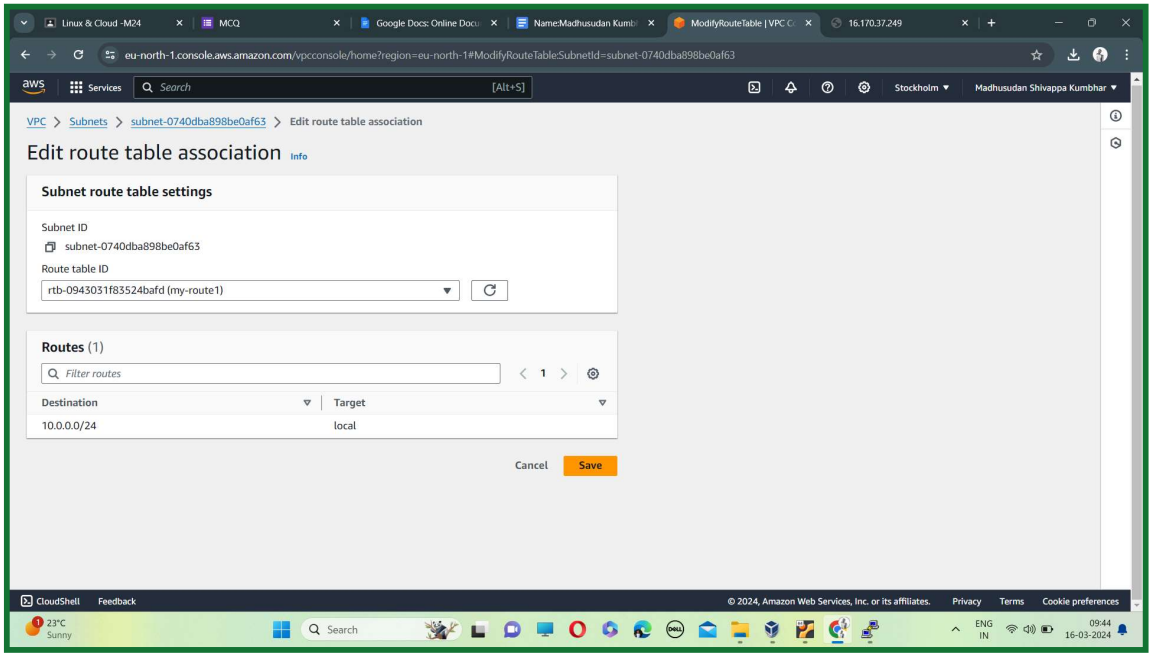


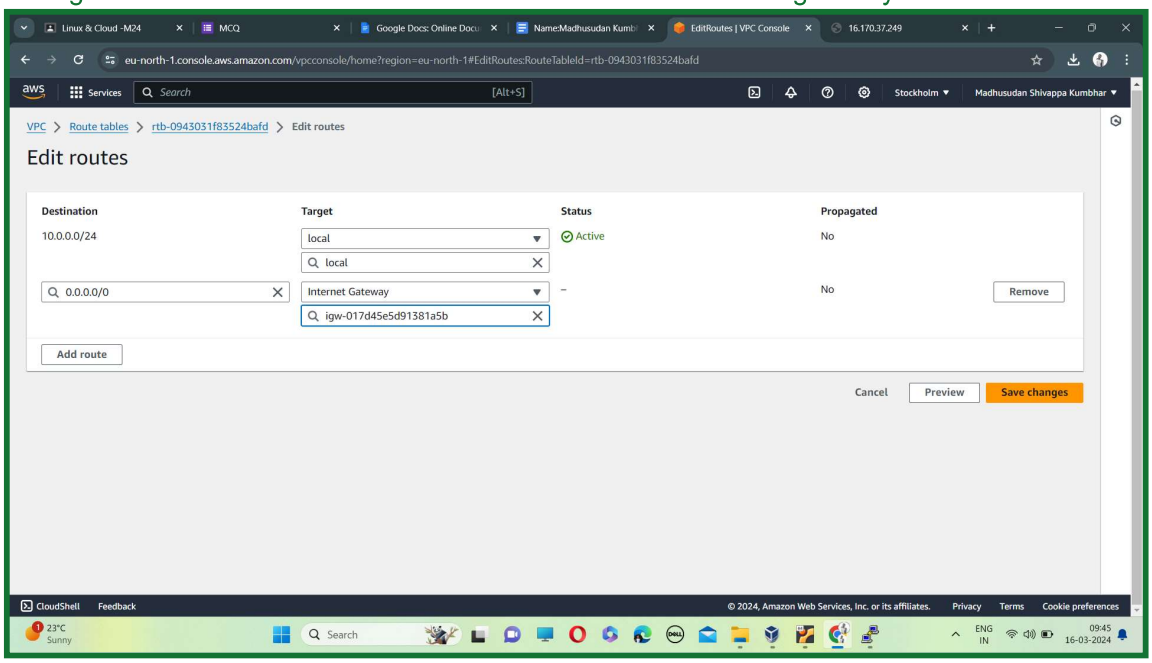

Now goto vpc setting and enable DNS hostname



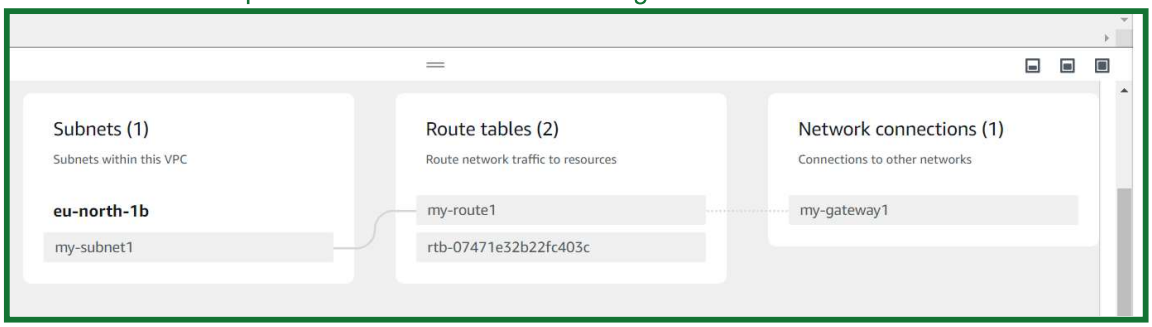

Goto subnet assciation and give route you created

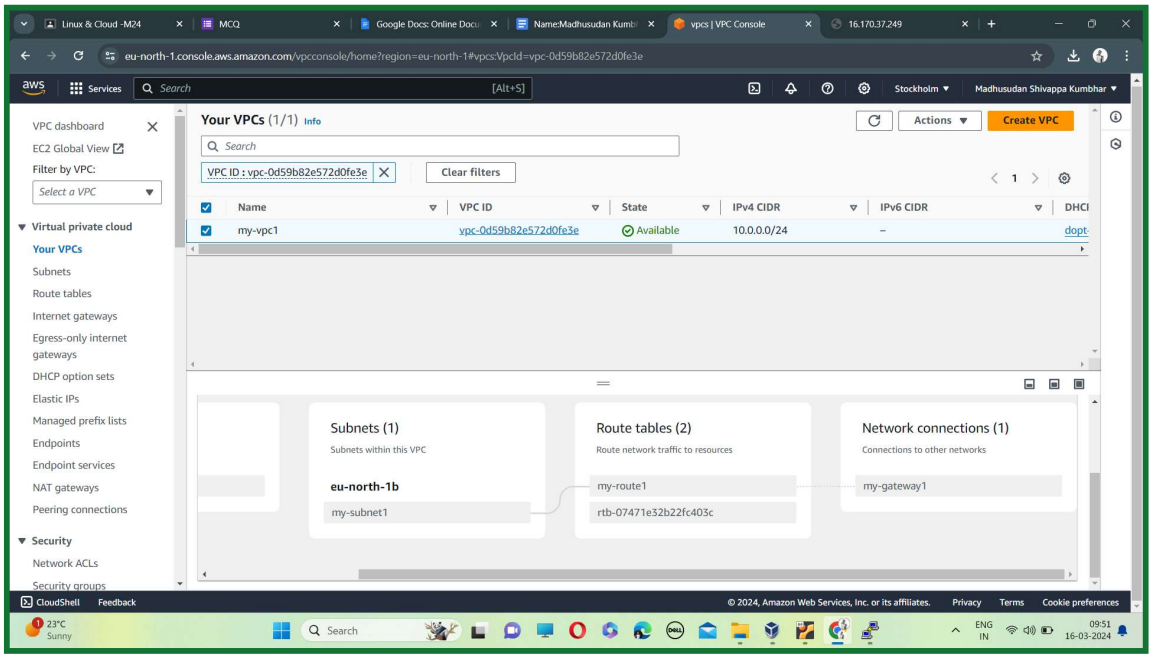


Now goto edit route and add route new route and select internet gateway




Check resource map the subnet route and netwrok get connect




Linux & Cloud -M24
MCQ
Google Docs: Online Docu
Name:Madhusudan Kumb
vpcs | VPC Console
16.170.37.249
eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#vpcs:VpcId=vpc-0d59b82e572d0fe3e
aws
Services
Search
[Alt+S]
Stockholm
Madhusudan Shivappa Kumbhar
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
Your VPCs (1/1) Info
Search
VPC ID : vpc-0d59b82e572d0fe3e
Clear filters
Actions
Create VPC
Name
VPC ID
State
IPv4 CIDR
IPv6 CIDR
DHCI
my-vpc1
vpc-0d59b82e572d0fe3e
Available
10.0.0.0/24
–
dopt
Subnets (1)
Subnets within this VPC
eu-north-1b
my-subnet1
Route tables (2)
Route network traffic to resources
my-route1
rtb-07471e32b22fc403c
Network connections (1)
Connections to other networks
my-gateway1
CloudShell
Feedback
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ENG
IN
09:51
16-03-2024