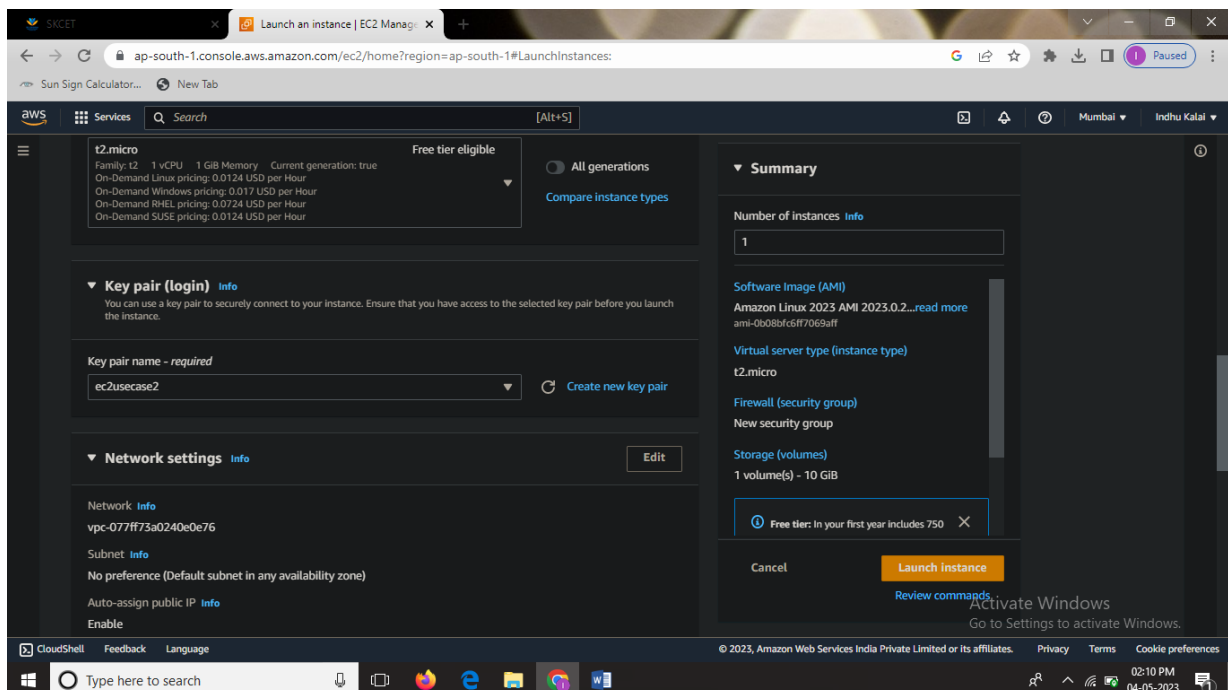
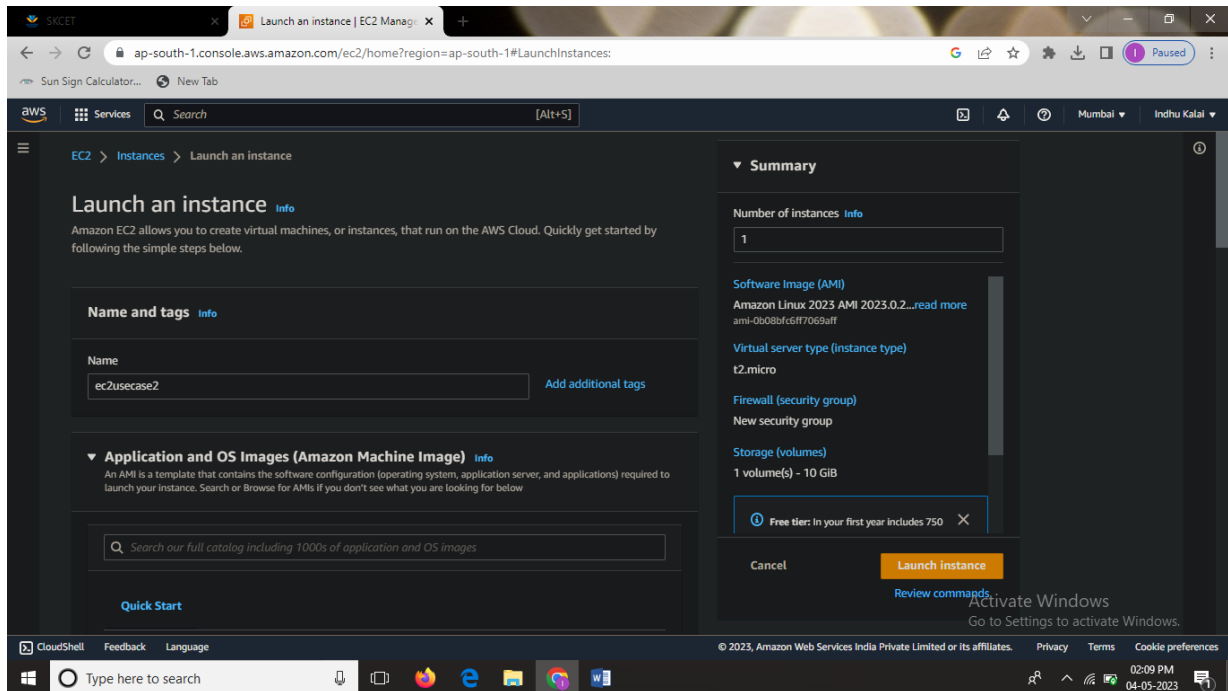


1. **Create an EC2 instance with the following requirements.**  
Give the Name tag of both server & keypair as "ec2usecase2"(Name).

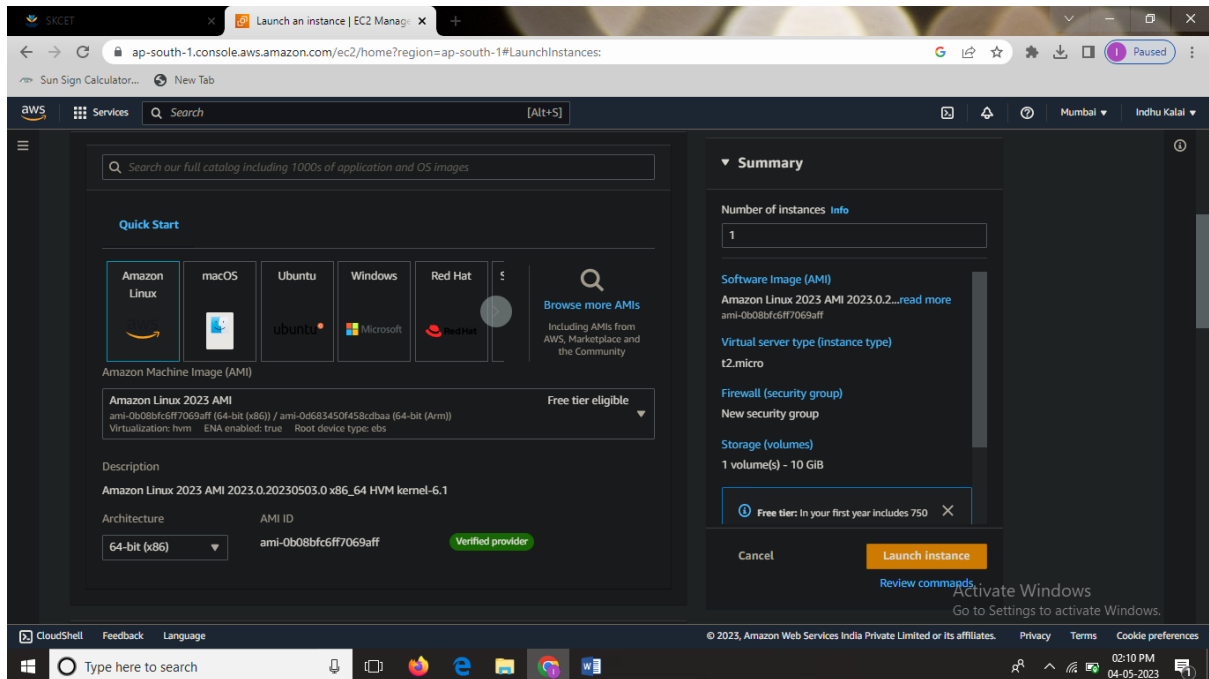
OUTPUT(SCREENSHOTS):



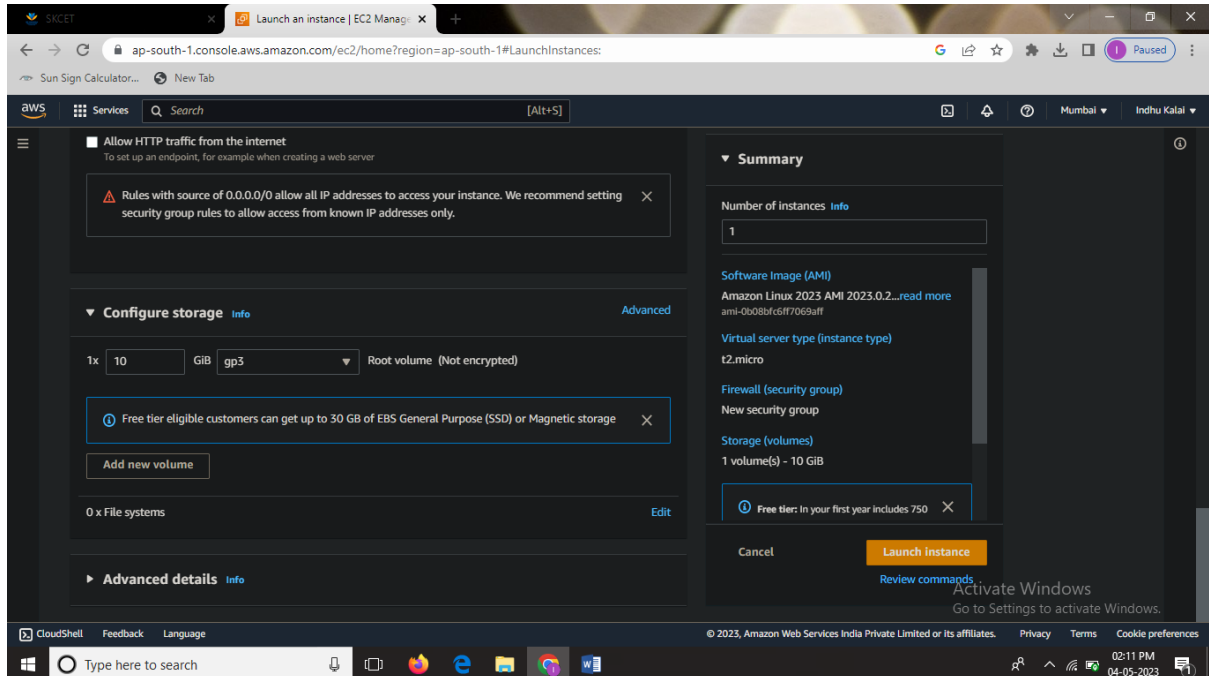
CLOUD COMPUTING CA-1  
DATE:04/05/2023

NAME : INDHU R  
ROLLNO:727721EUIT056  
EMAIL :727721euit056@skcet.ac.in

Select the AMI from the Amazon Linux OS Platform.



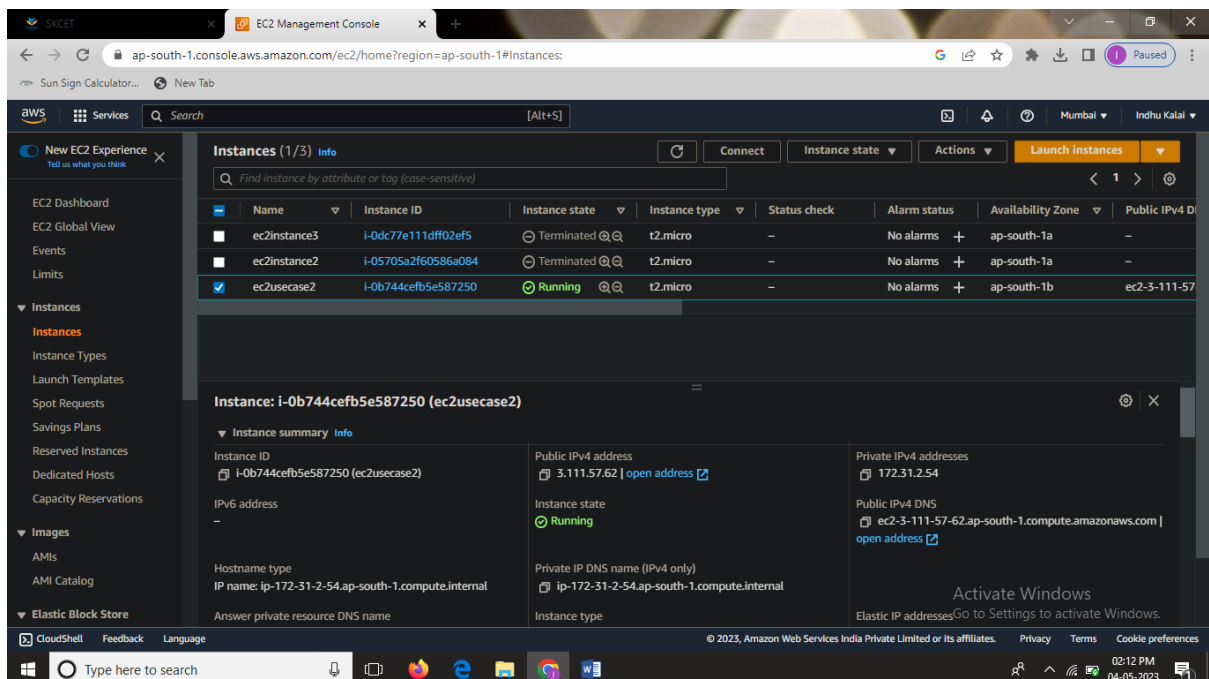
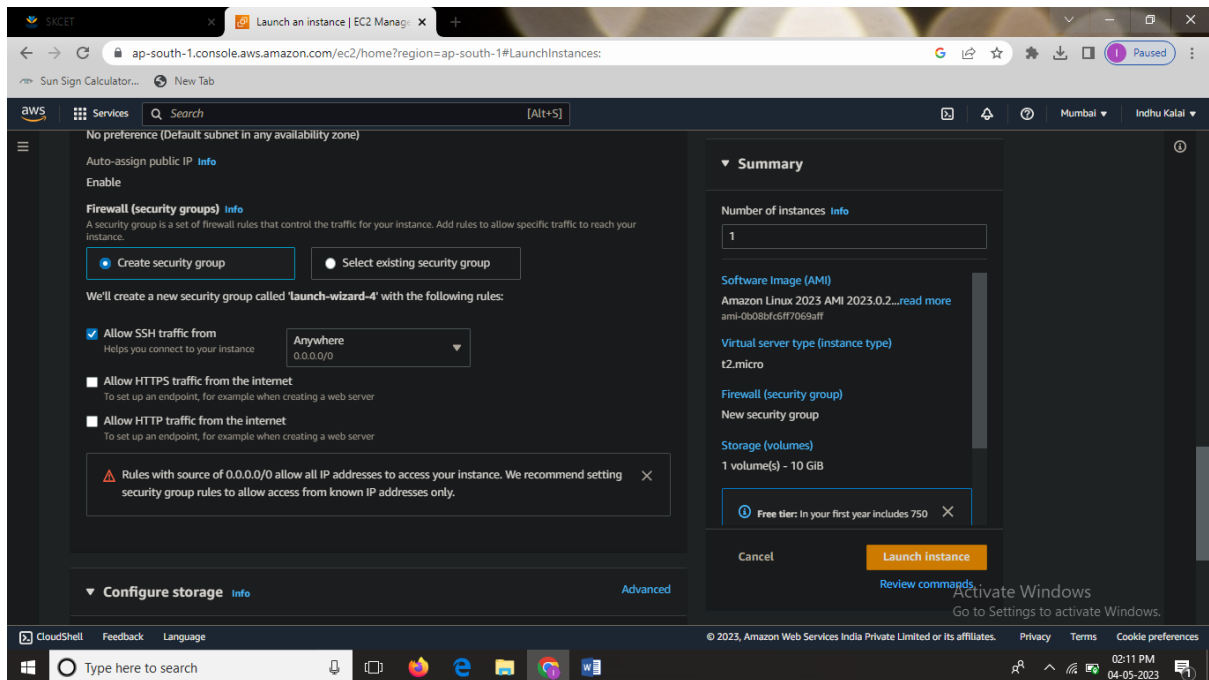
Increase the root EBS volume size to 10 GB from the default size.



CLOUD COMPUTING CA-1  
DATE:04/05/2023

NAME : INDHU R  
ROLLNO:727721EUIT056  
EMAIL :727721euit056@skcet.ac.in

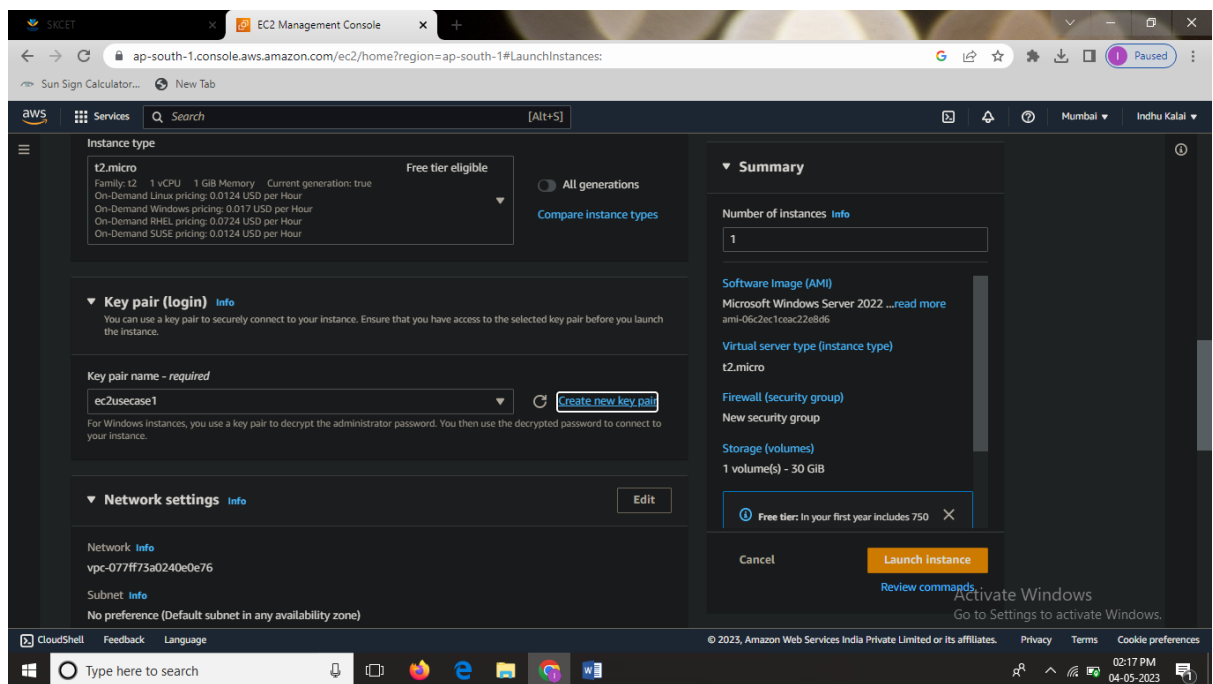
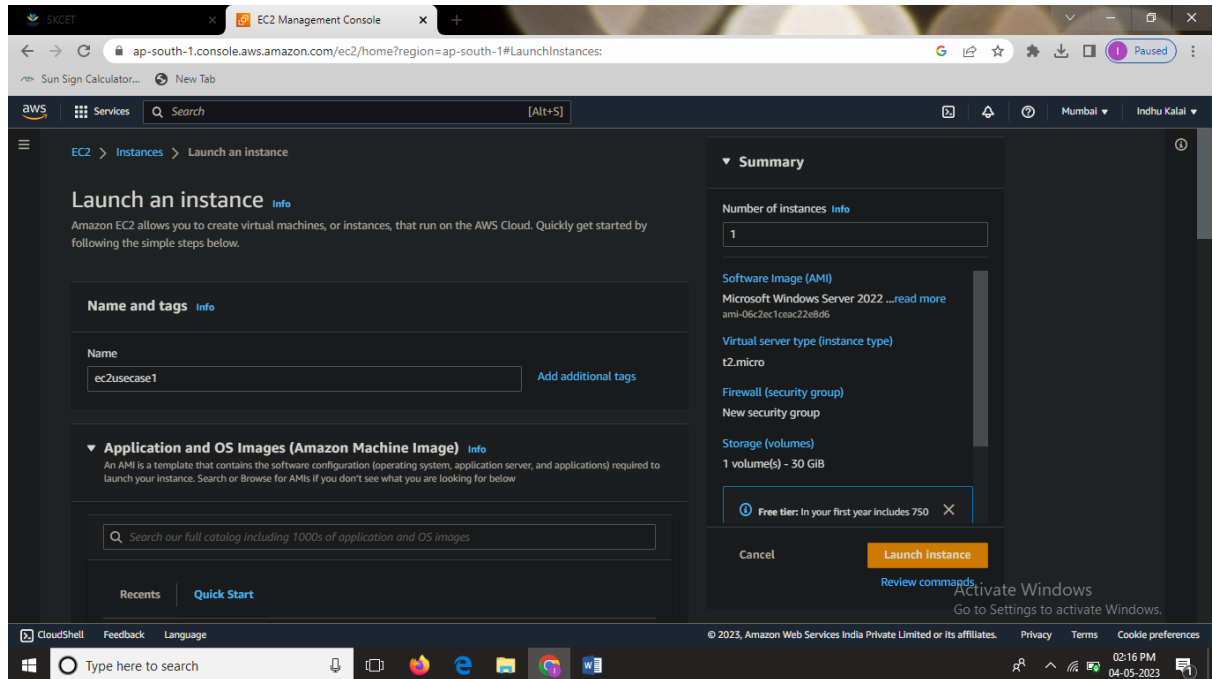
Expose Port No.22 for taking putty remote connection.



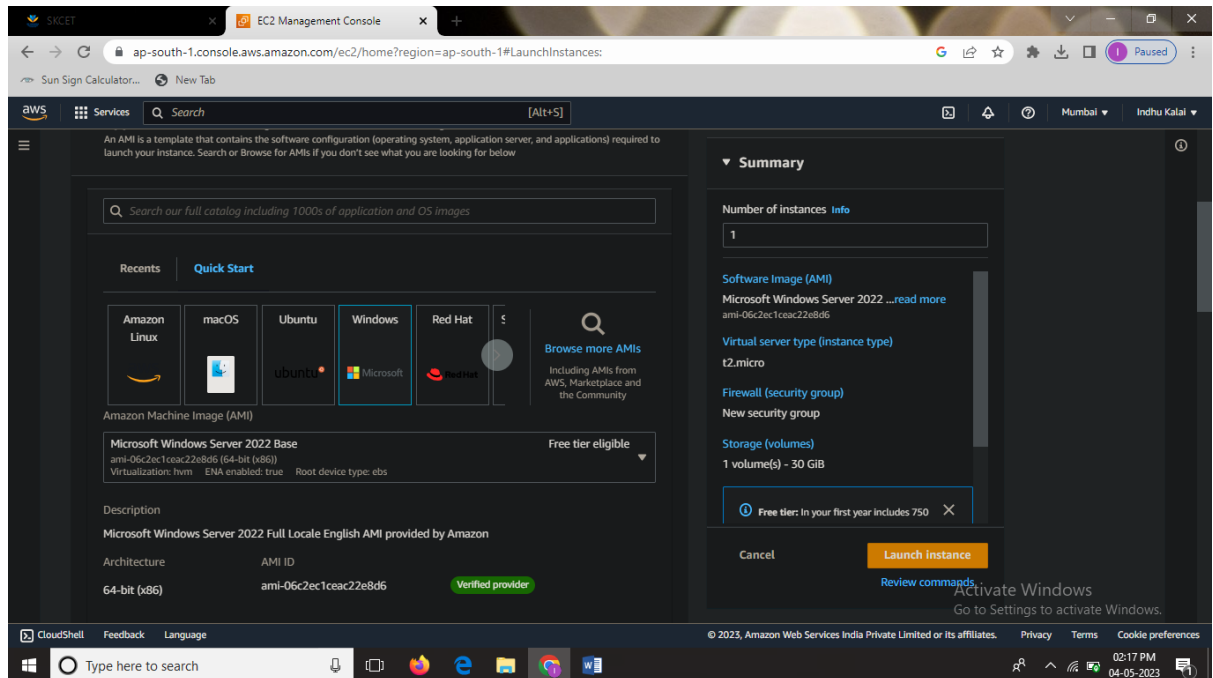
Thus the EC2 Instances with the given requirements have been created

## Create an EC2 Instance in the given AWS account with the following requirements.

2. Give the Name tag of both server & keypair as "ec2usecase1"(Name).

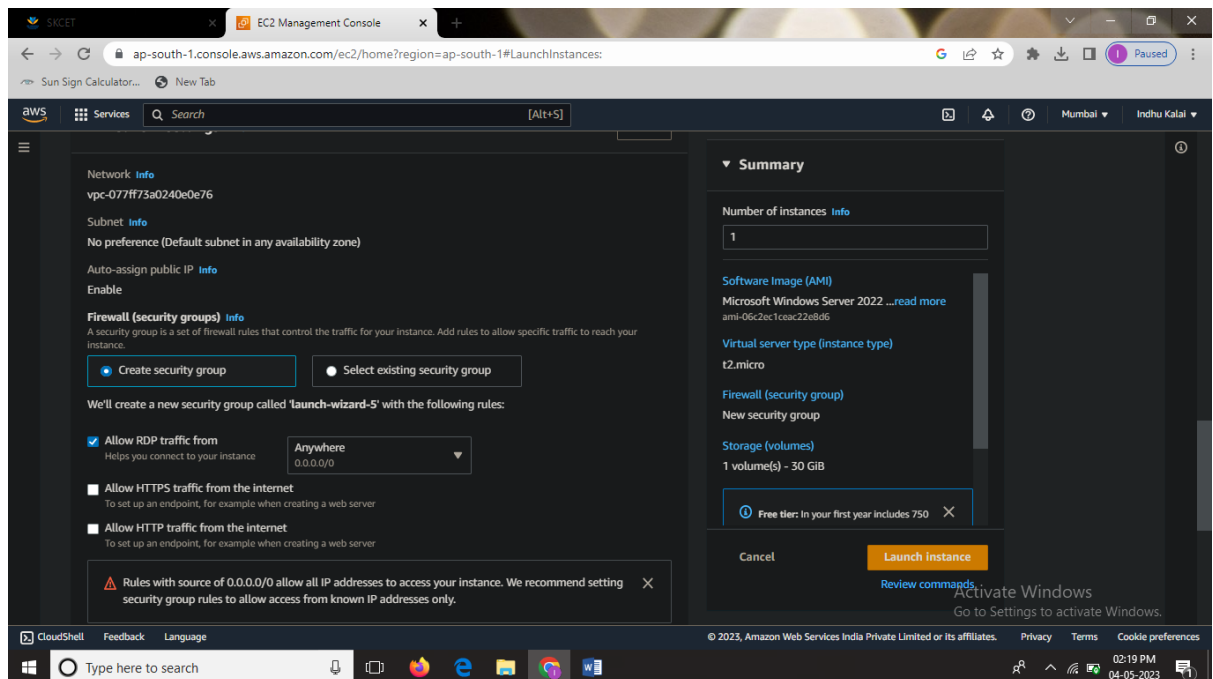


## Select the AMI from the Windows OS Platform.



Ensure that Auto-Assigned Public-IP must be enabled.

Expose Port No.3389 for taking the remote desktop connection.



CLOUD COMPUTING CA-1  
DATE:04/05/2023

NAME : INDHU R  
ROLLNO:727721EUIT056  
EMAIL :727721euit056@skcet.ac.in

The screenshot displays the AWS Management Console for the 'ap-south-1' region. The 'Instances (1/4)' table shows the following data:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
ec2instance3	i-0dc77e111df02ef5	Terminated	t2.micro	-	No alarms	ap-south-1a	-
ec2instance2	i-05705a2f60586a084	Terminated	t2.micro	-	No alarms	ap-south-1a	-
ec2usecase2	i-0b744cefb5e587250	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	ec2-3-111-57
ec2usecase1	i-0ad6891926b8a93b4	Running	t2.micro	-	No alarms	ap-south-1b	ec2-15-206-1

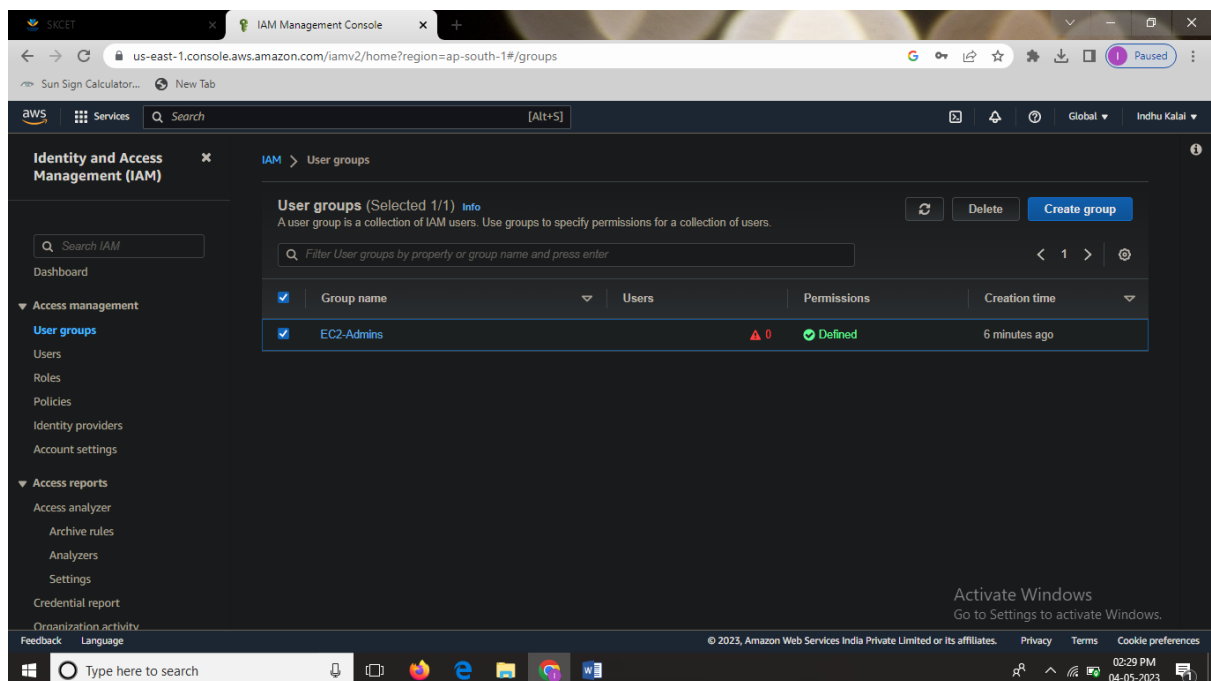
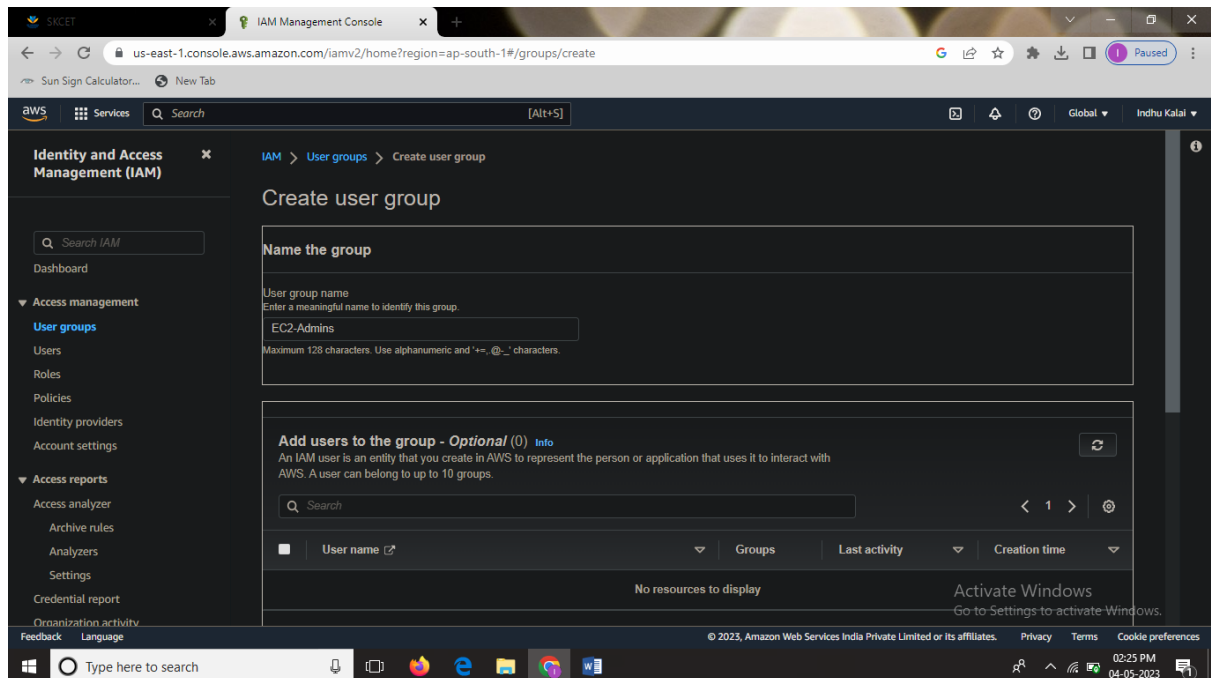
The details for the selected instance 'ec2usecase1' (i-0ad6891926b8a93b4) are shown below:

Instance summary Info	
Instance ID i-0ad6891926b8a93b4 (ec2usecase1)	Public IPv4 address 15.206.185.43   <a href="#">open address</a>
IPv6 address -	Private IPv4 addresses 172.31.5.46
Instance state Running	Public IPv4 DNS ec2-15-206-185-43.ap-south-1.compute.amazonaws.com   <a href="#">open address</a>
Hostname type	Private IP DNS name (IPv4 only)

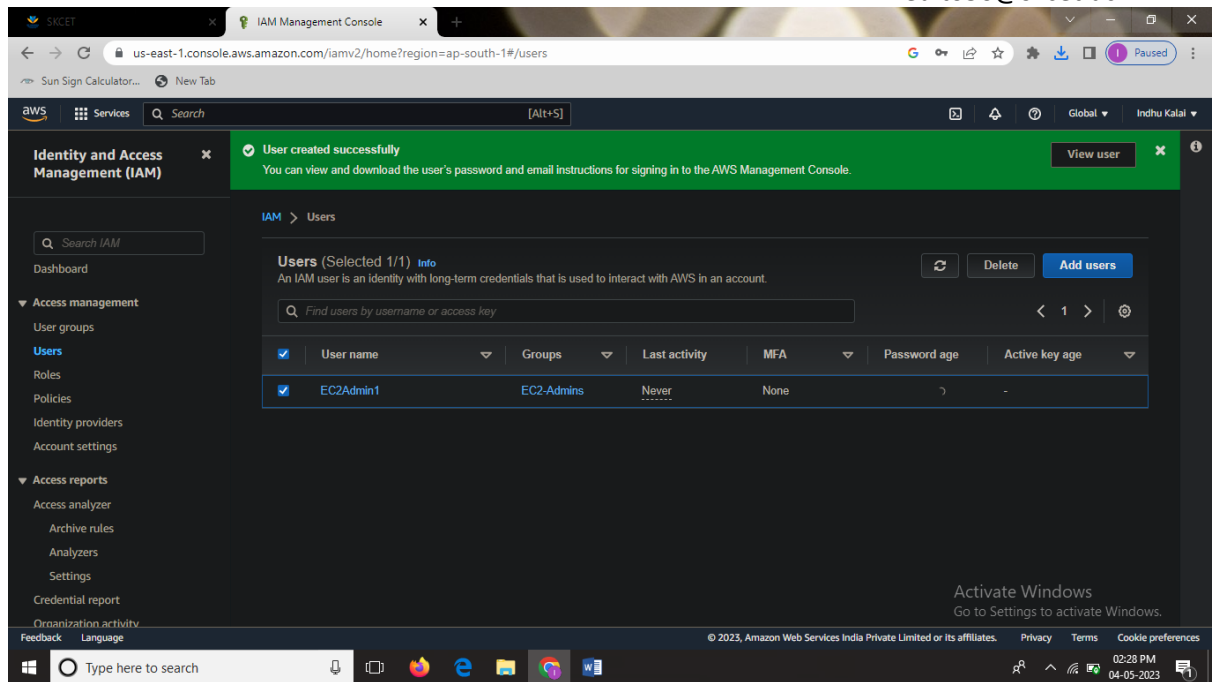
Thus the EC2 Instance has been created with the given requirements

**Create an IAM group called 'EC2-Admins' with 'AmazonEC2FullAccess' and 'AutoScalingFullAccess' policies, then add an IAM user called as 'EC2Admin1'.**

3. The name of the IAM group should be 'EC2-Admins'.



The name of the IAM user should be 'EC2Admin1'.

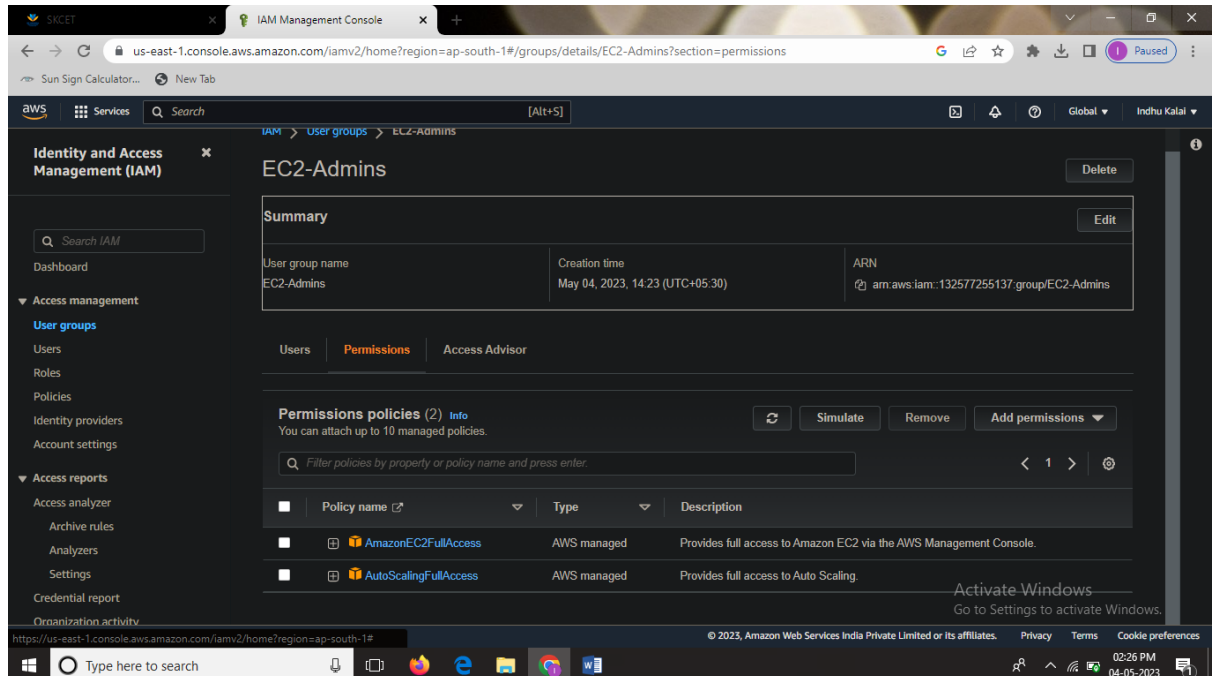


The 'AmazonEC2FullAccess' policy should be attached.

(5 Marks)

The 'AutoScalingFullAccess' policy should be attached.

(5 Marks)



Thus the group and user has been created successfully