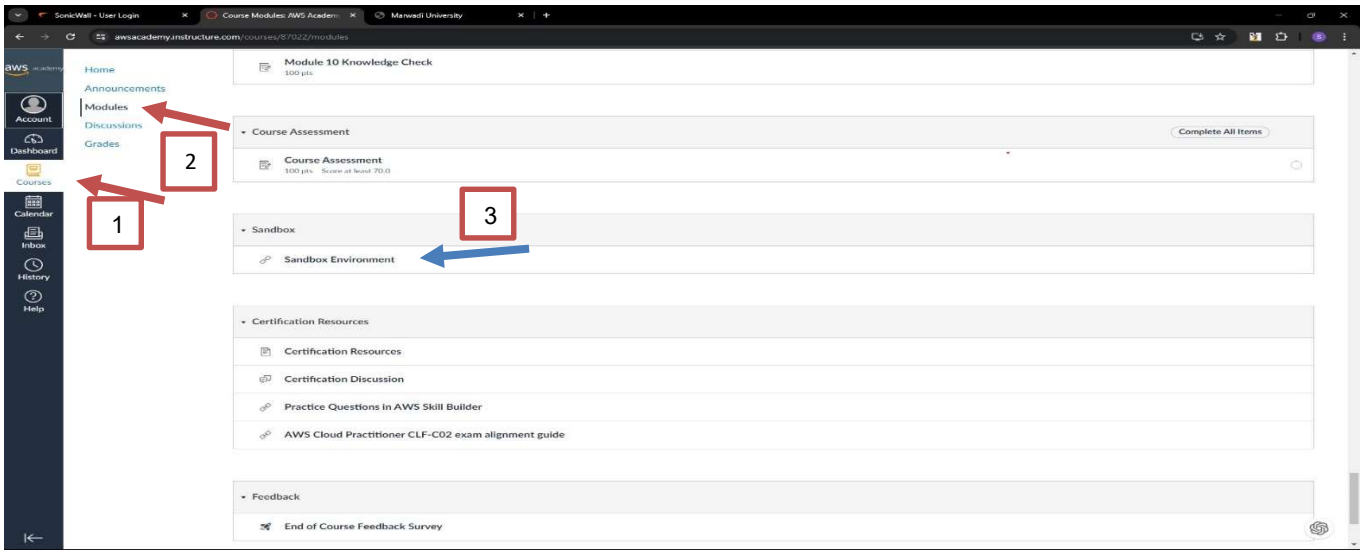
Practical-2: Deploy Virtual Machine Instance.

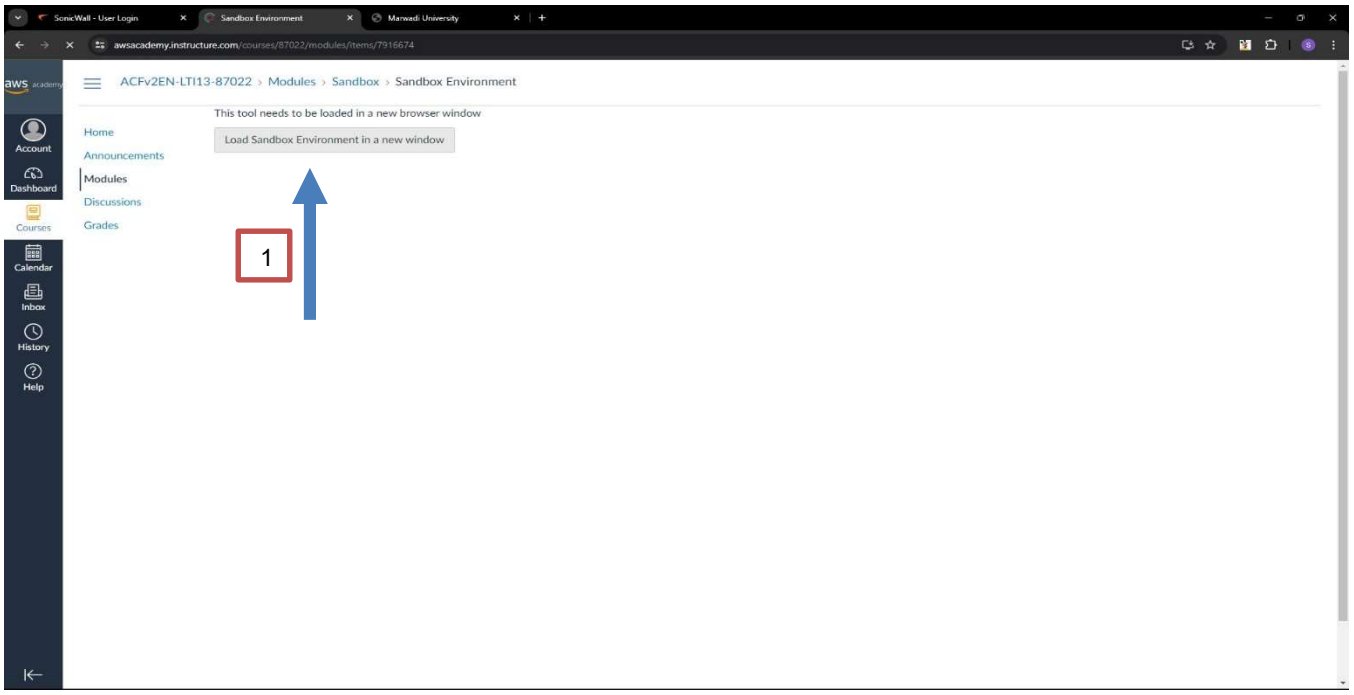
Step 01: Go to AWS Canvas > Course Section > Modules Section > Find SANDBOX and click on SANDBOX ENVORNMENT.

Screenshot:



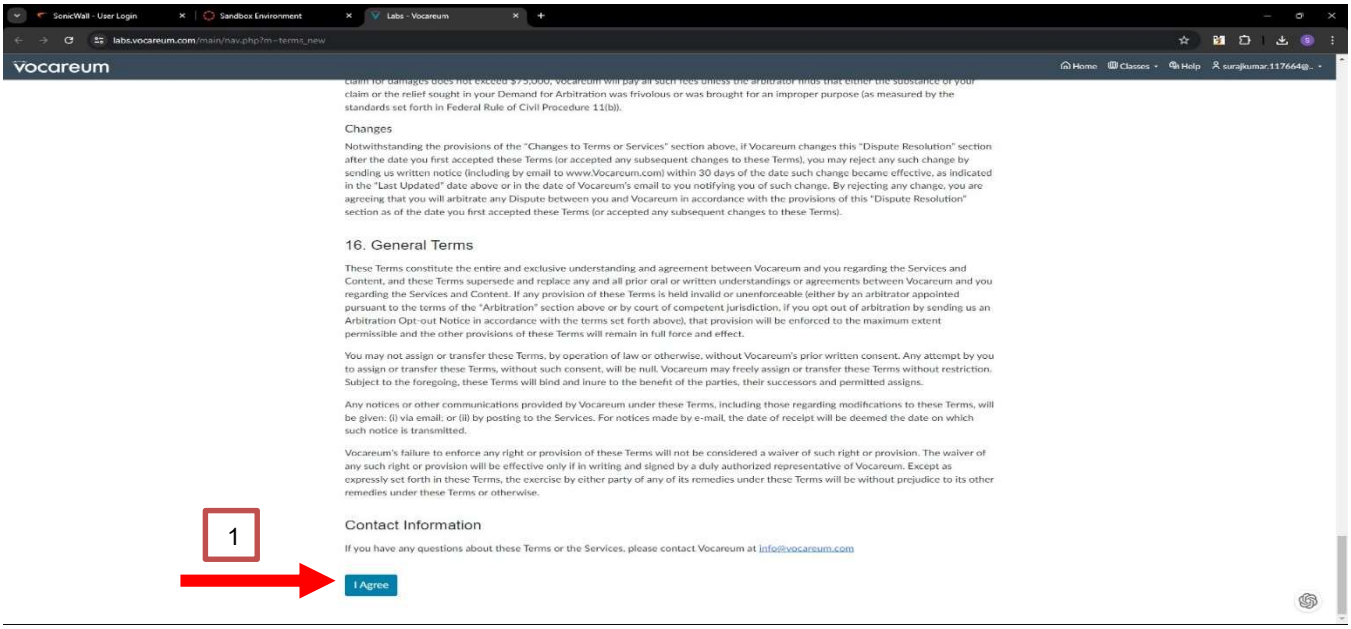
Step 02: Click on "Load Sandbox Environment in a new window".

Screenshot:



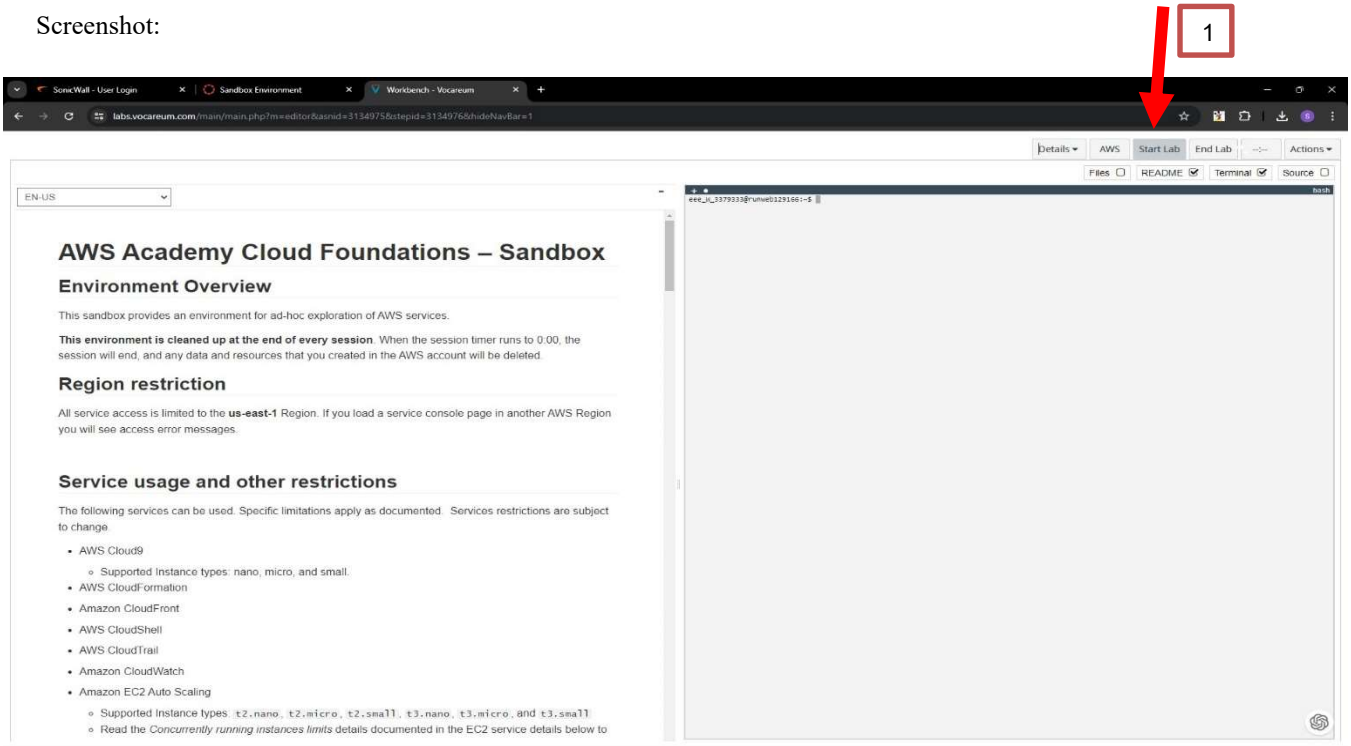
Step 03: After open Load Sandbox Environment in a new window" > then open "Agreement" Option, click on "I AGREE".

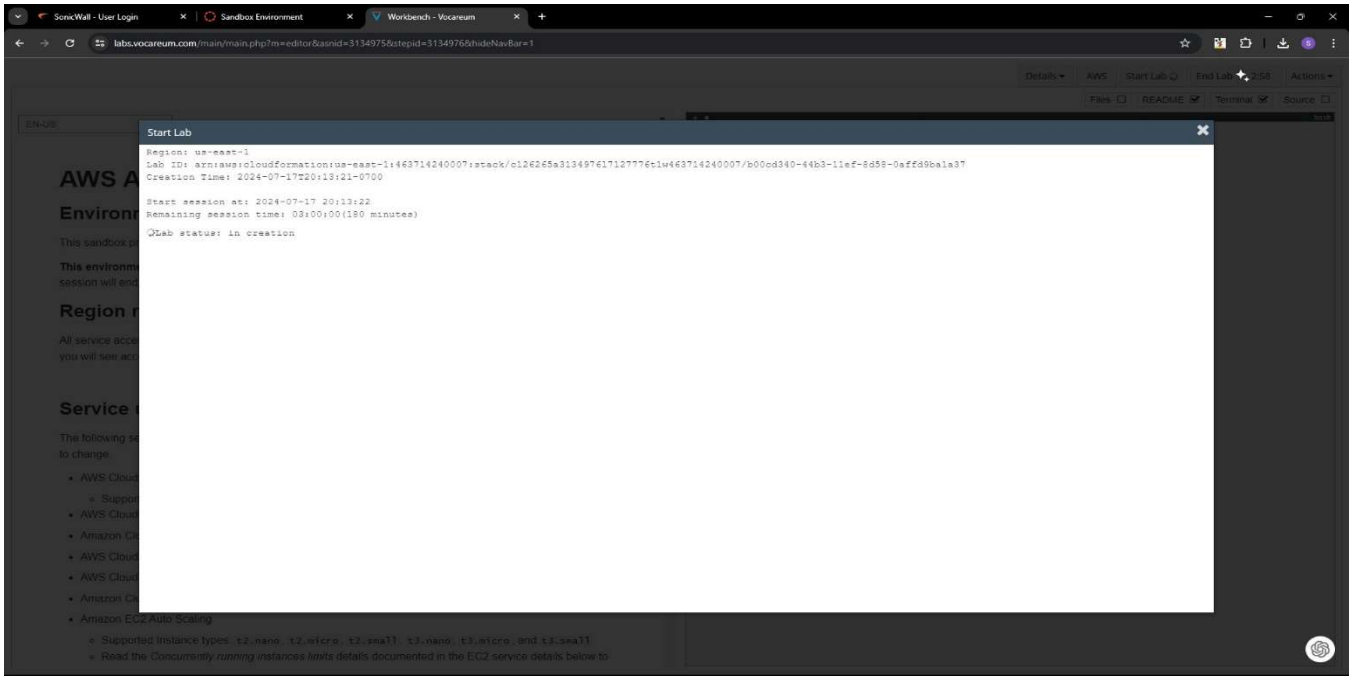
Screenshot:



Step 04: When Open Sandbox Environment > Click on "start lab" Button then, wait for the "Start Lab" Box to appear.

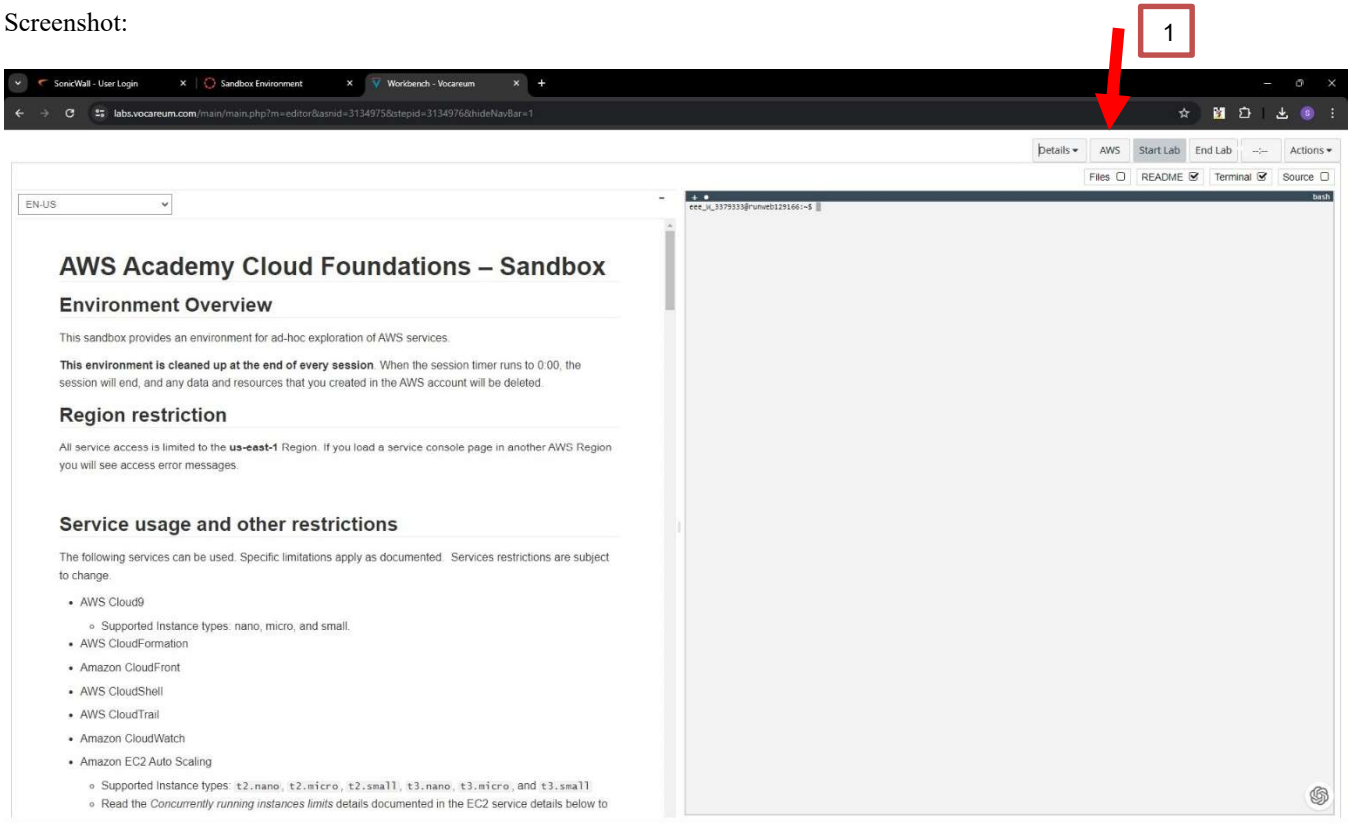
Screenshot:





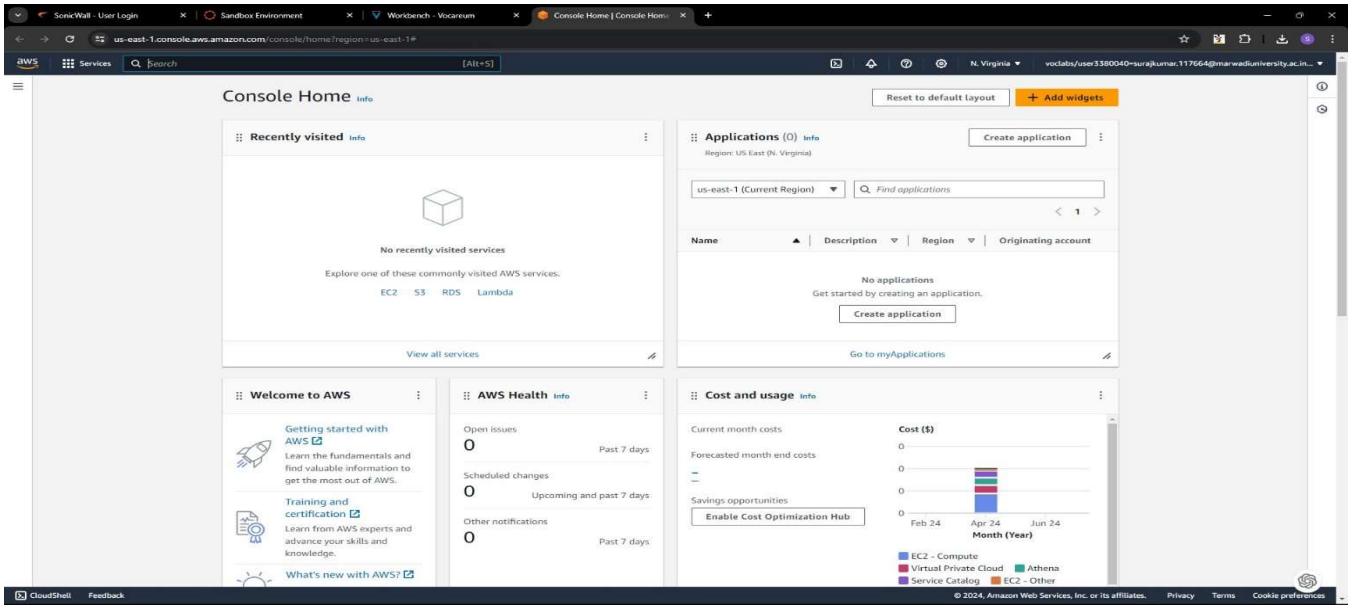
Step 05: After the Lab Statues is ready, then close the “Start Lab” box and Click on the “AWS” Button.

Screenshot:



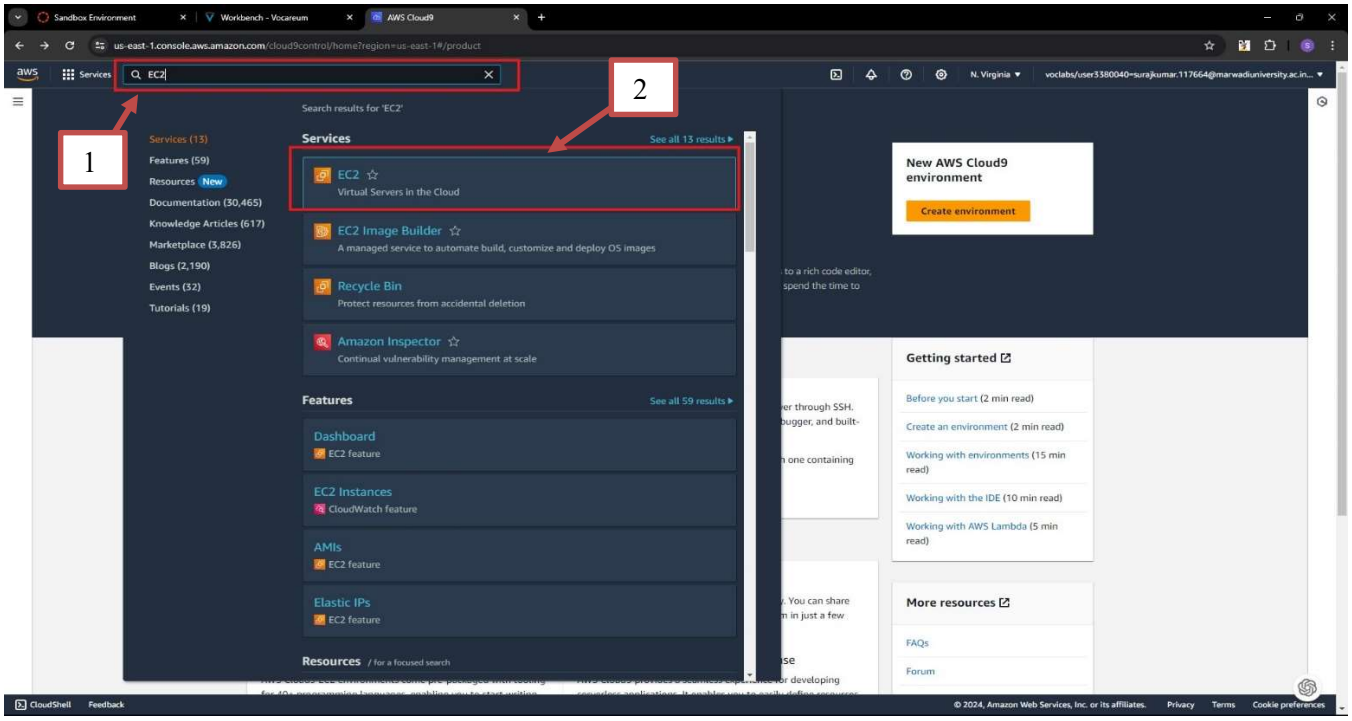
Step 06: Then AWS website open in new tab look like –

Screenshot:



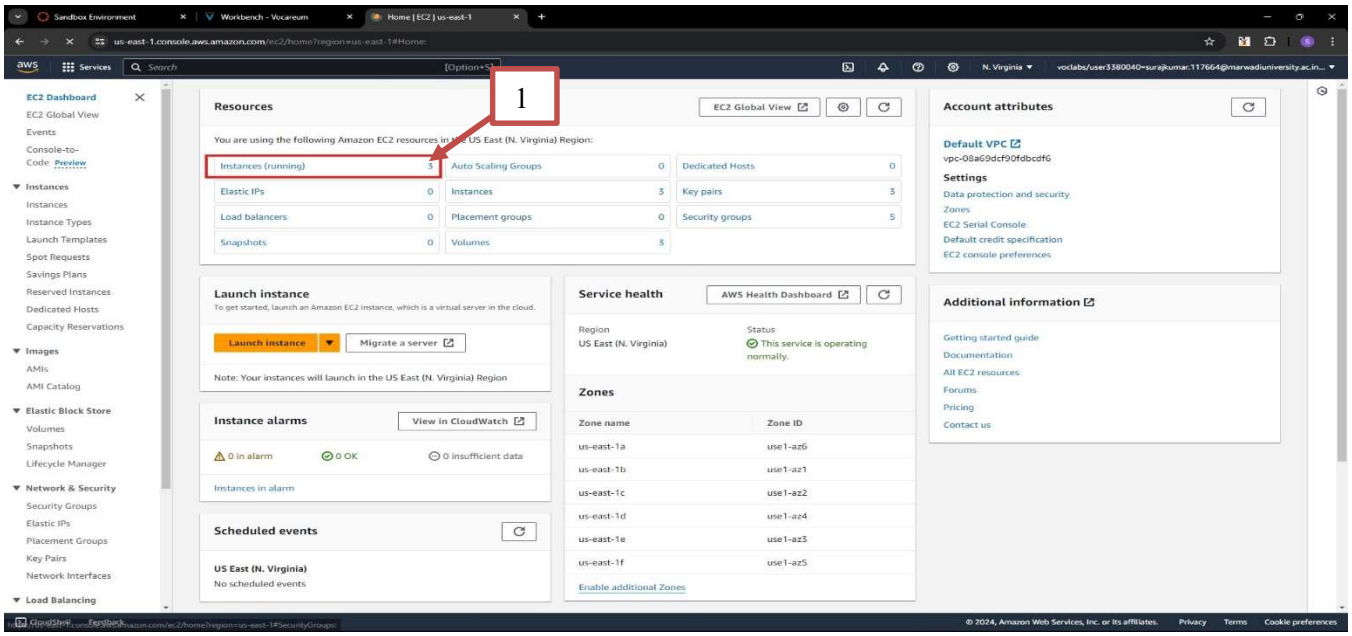
Step 07: Go to search box then type “EC2” and click on first link.

Screenshot:



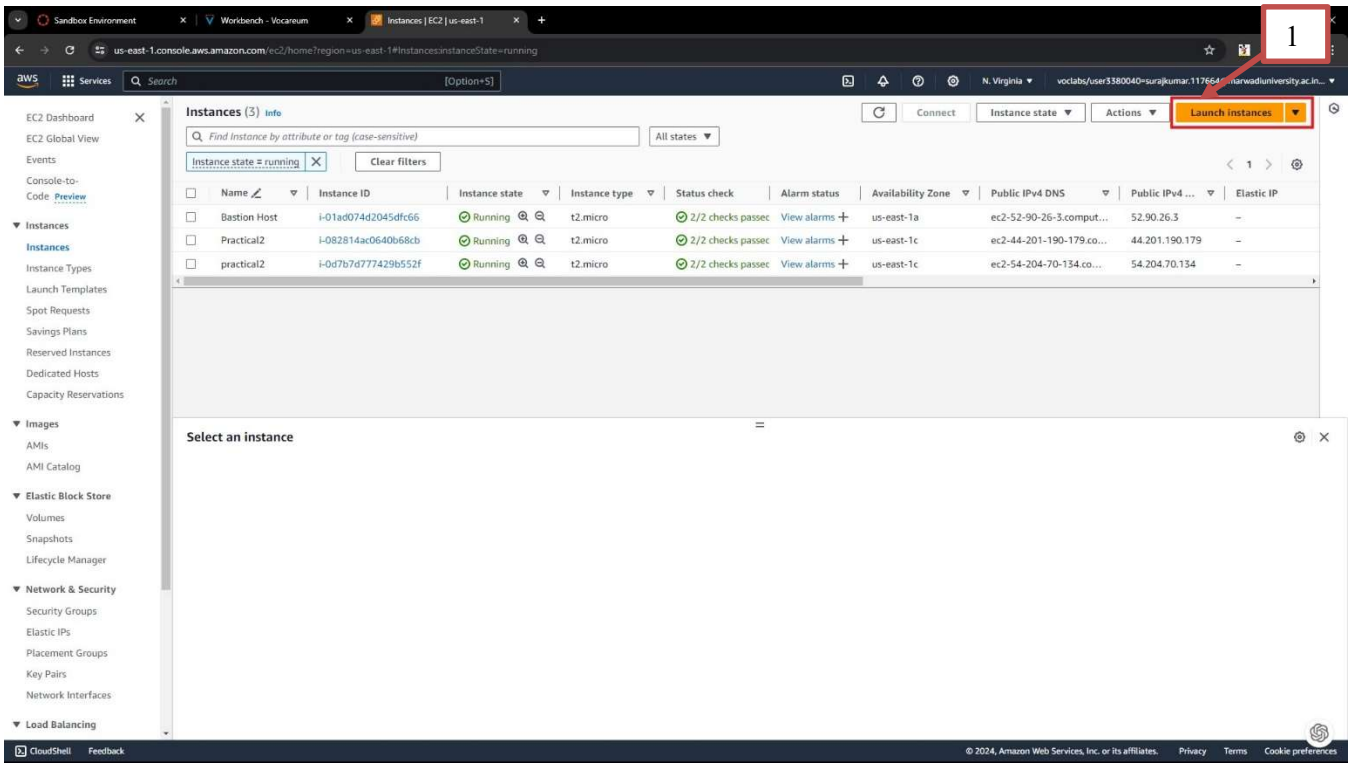
Step 08: "Go to resources" box then click on "Instances (Running).

Screenshot:



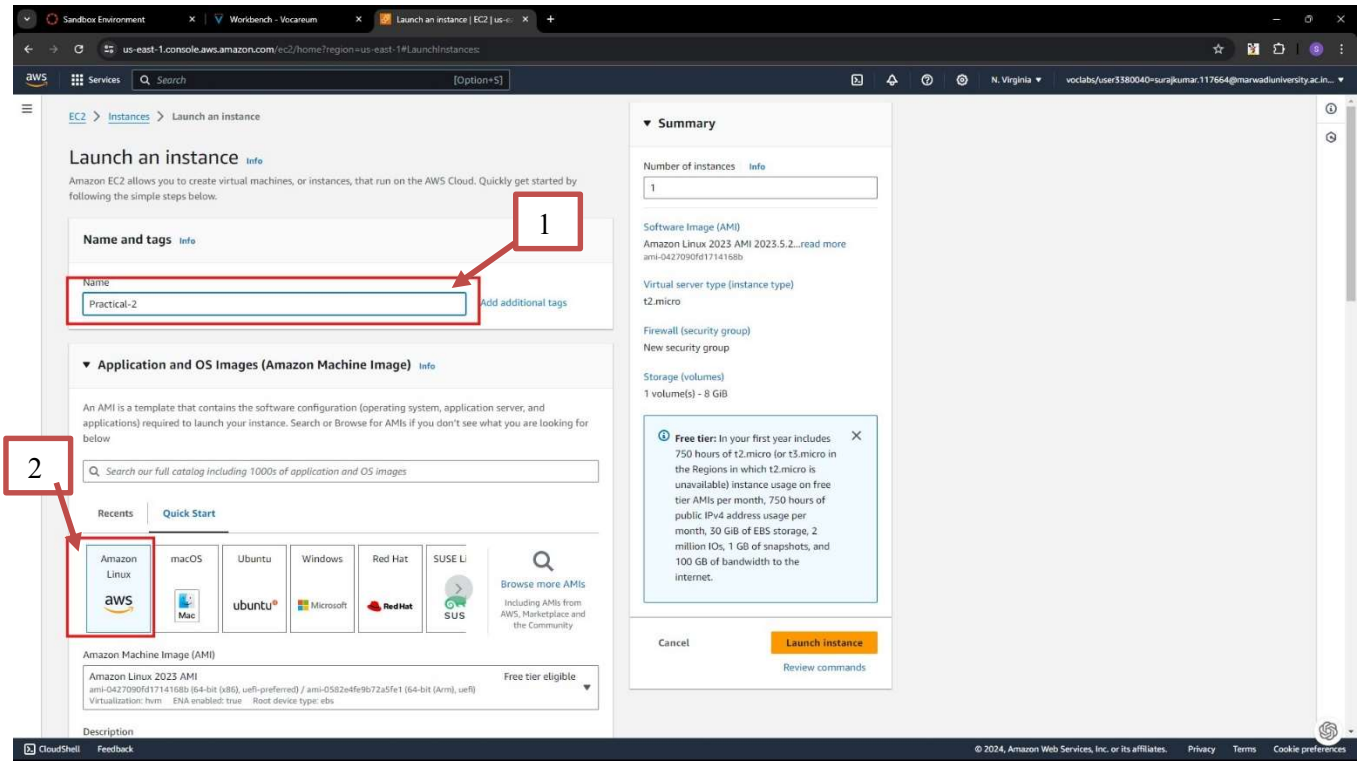
Step 09: Click on "Launch Instances".

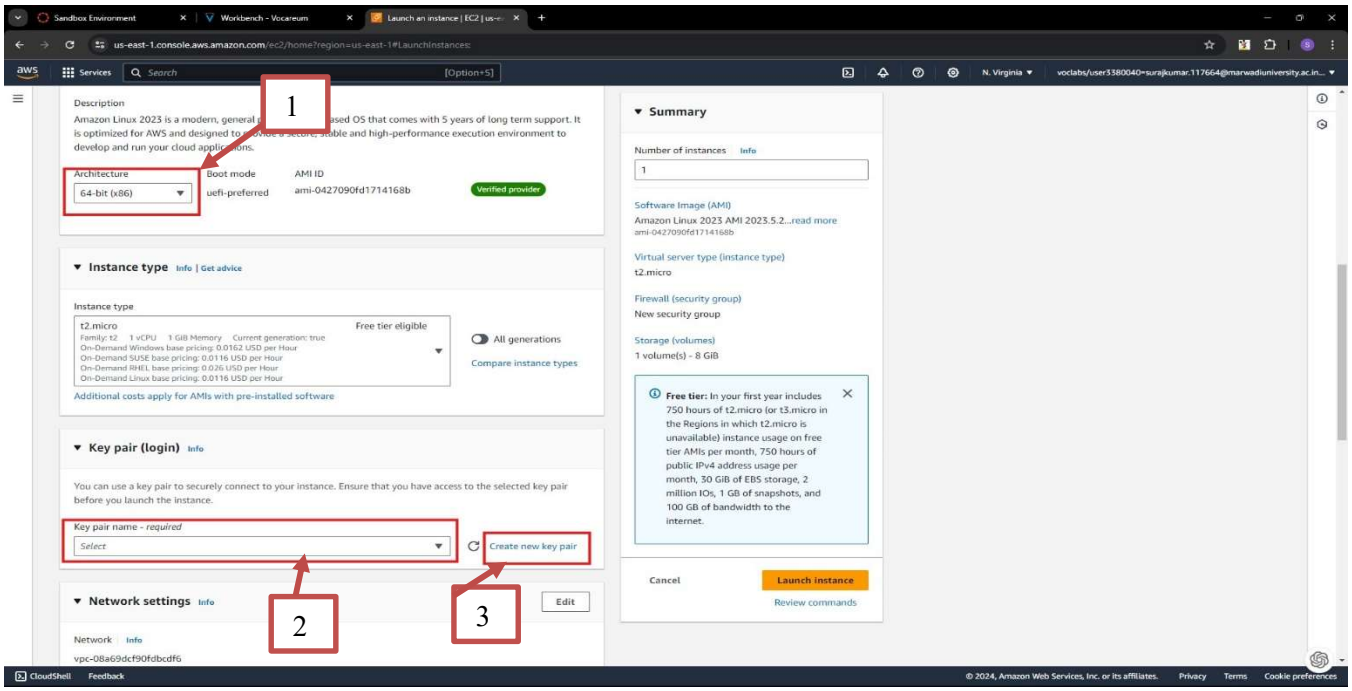
Screenshot:

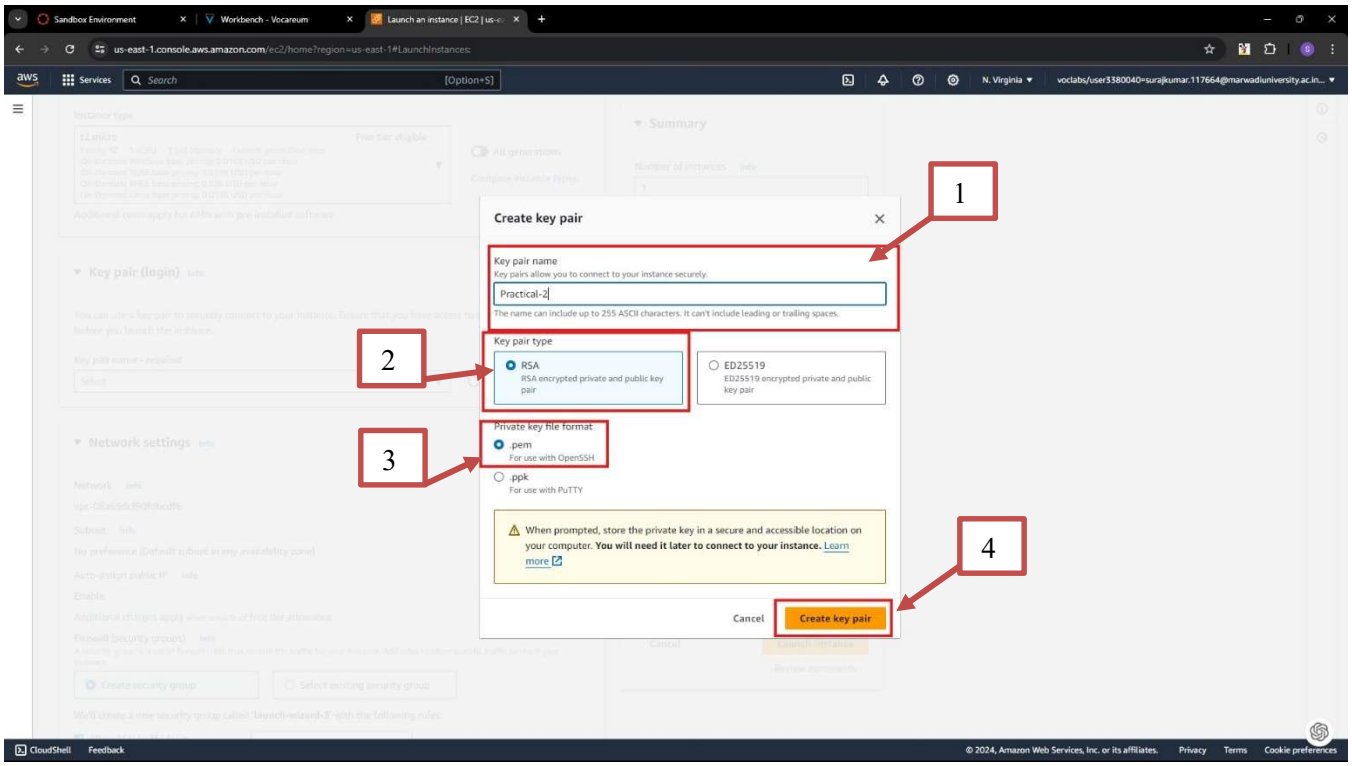


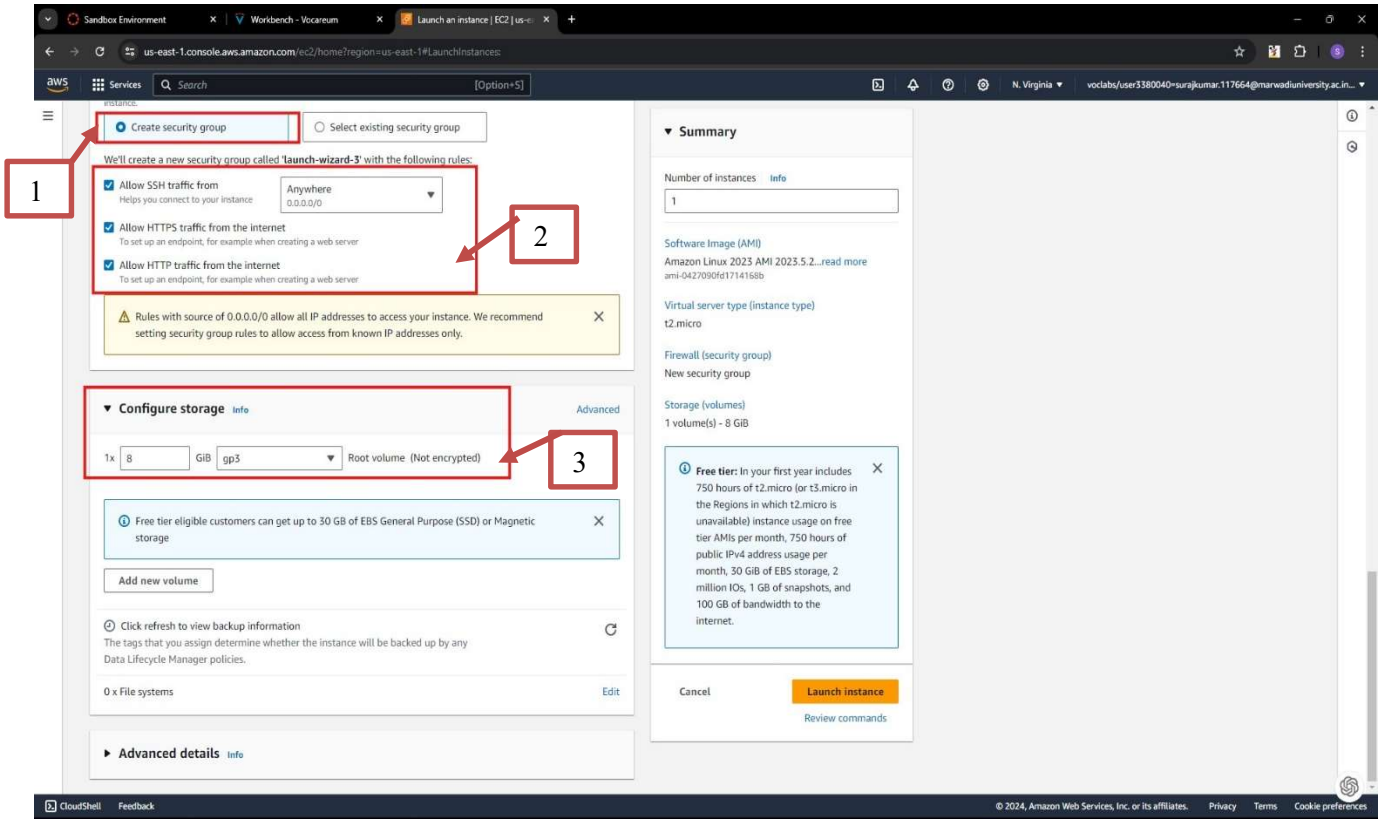
Step 10: Full fill all boxes and click on “crate key pair” then “Launch Instances”.

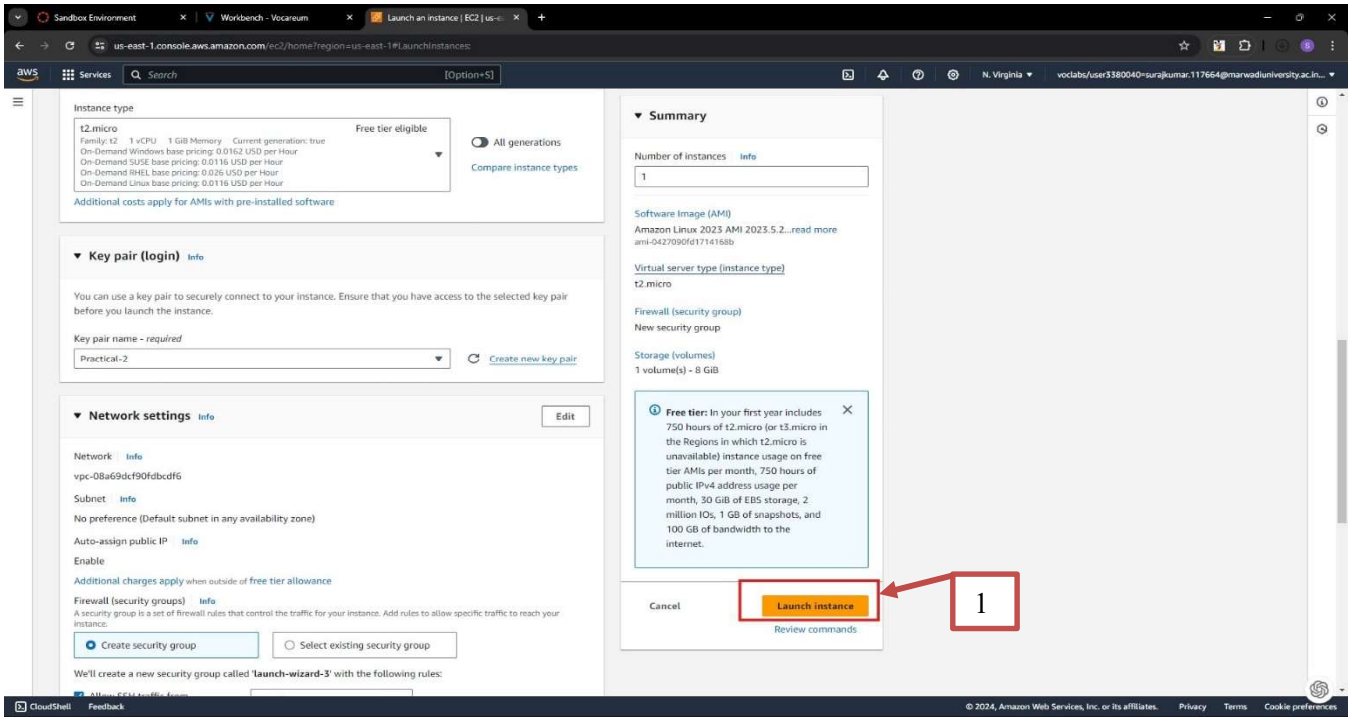
Screenshot:





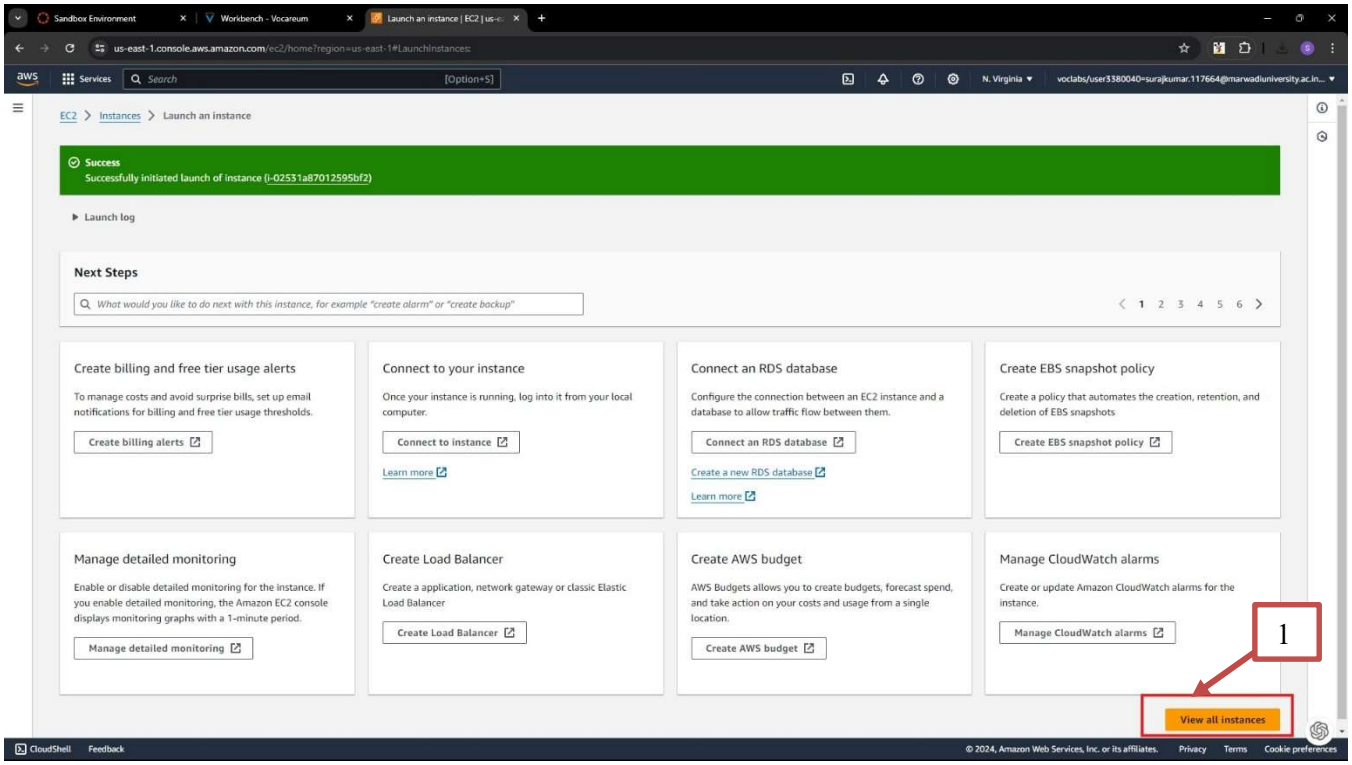

Create key pair
Key pair name
Practical-2
Key pair type
RSA
ED25519
Private key file format
.pem
.ppk
When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more
Cancel
Create key pair
1
2
3
4


Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-3' with the following rules:
Allow SSH traffic from
Anywhere
Allow HTTPS traffic from the internet
Allow HTTP traffic from the internet
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Configure storage
Advanced
1x 8 GiB gp3 Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Advanced details
Summary
Number of instances
Software Image (AMI)
Amazon Linux 2023 AMI 2023.5.2...read more
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.
Cancel
Launch instance
Review commands
1
2
3



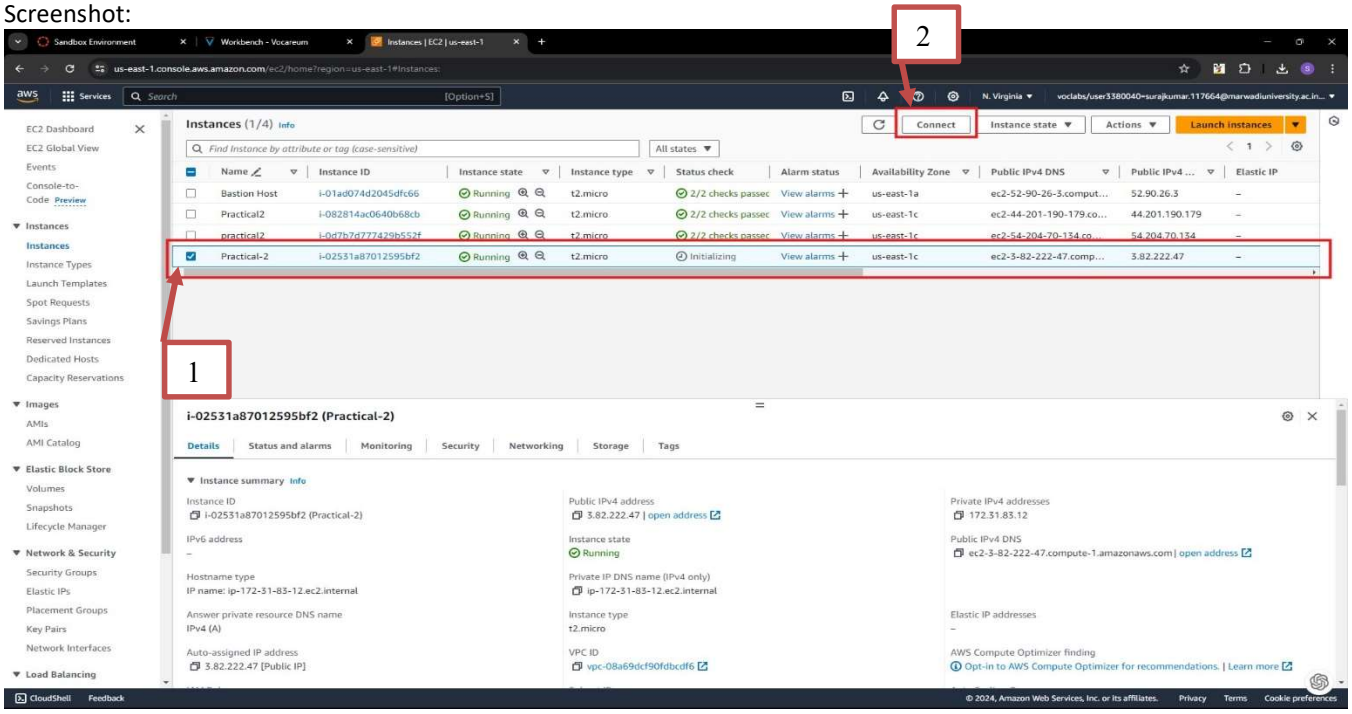
Step 11: Click on “View all Instances”.

Screenshot:

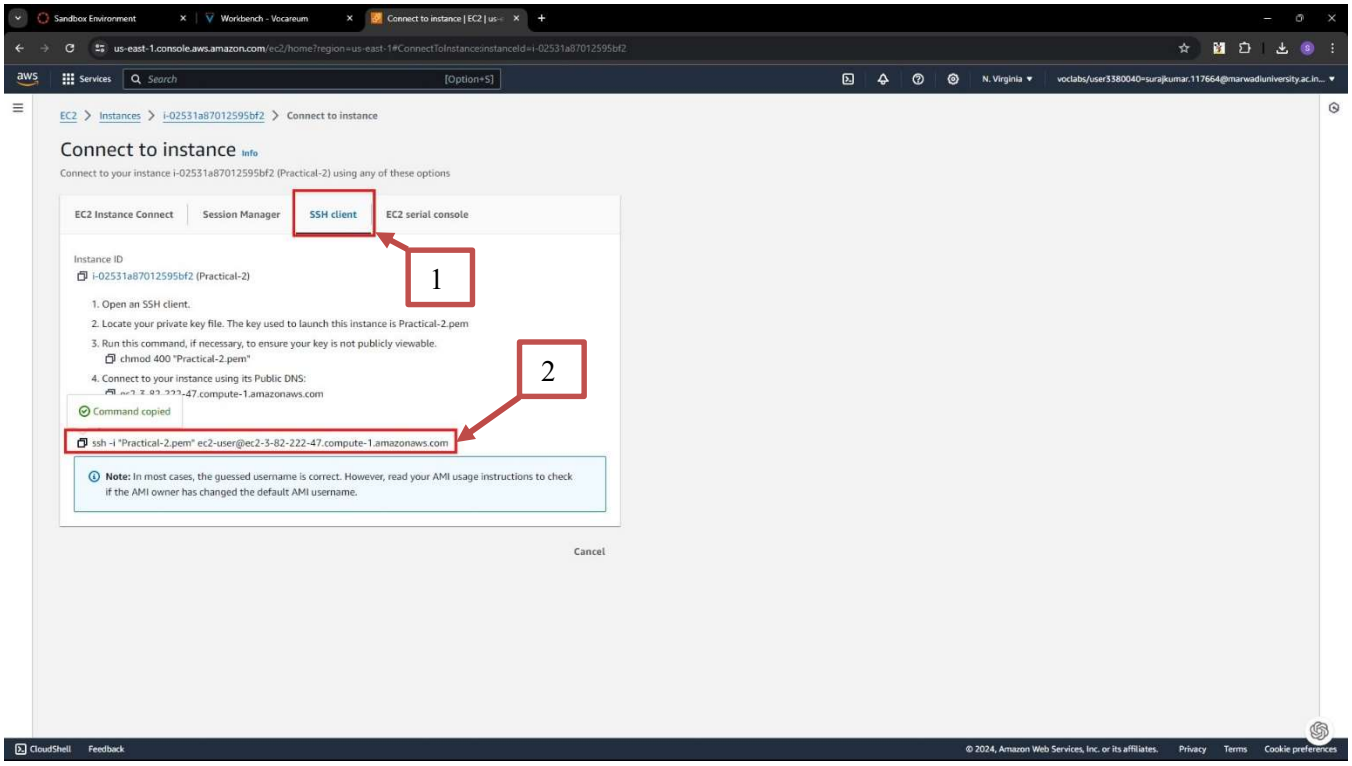


Step 12: Click on your “Instances name” then click on “Connect”.

Screenshot:

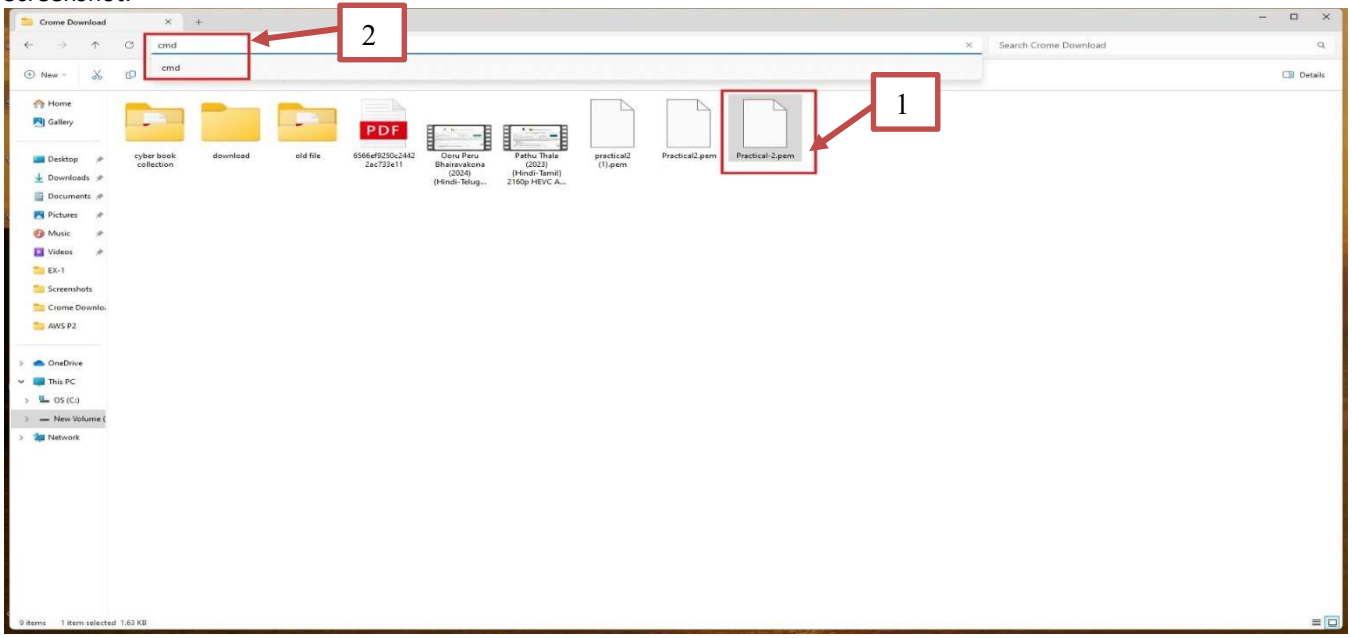


Step 13: Click on “SSH CLIENT” tab then copy ssh link.
Screenshot:



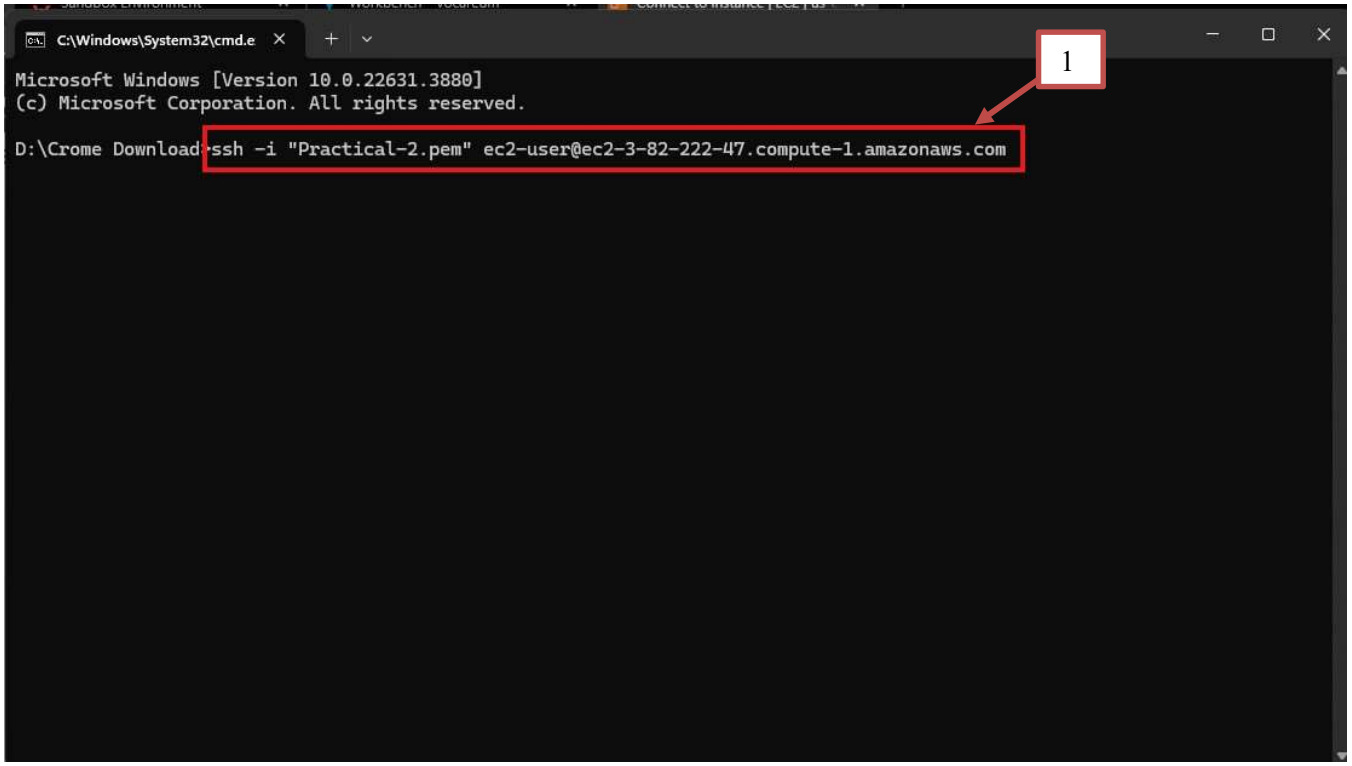
Step 14: After copy “ssh link” then open “File Manager” and Go to your “KEY PAIR” file path then Type “CMD” and press ‘Enter’ button.

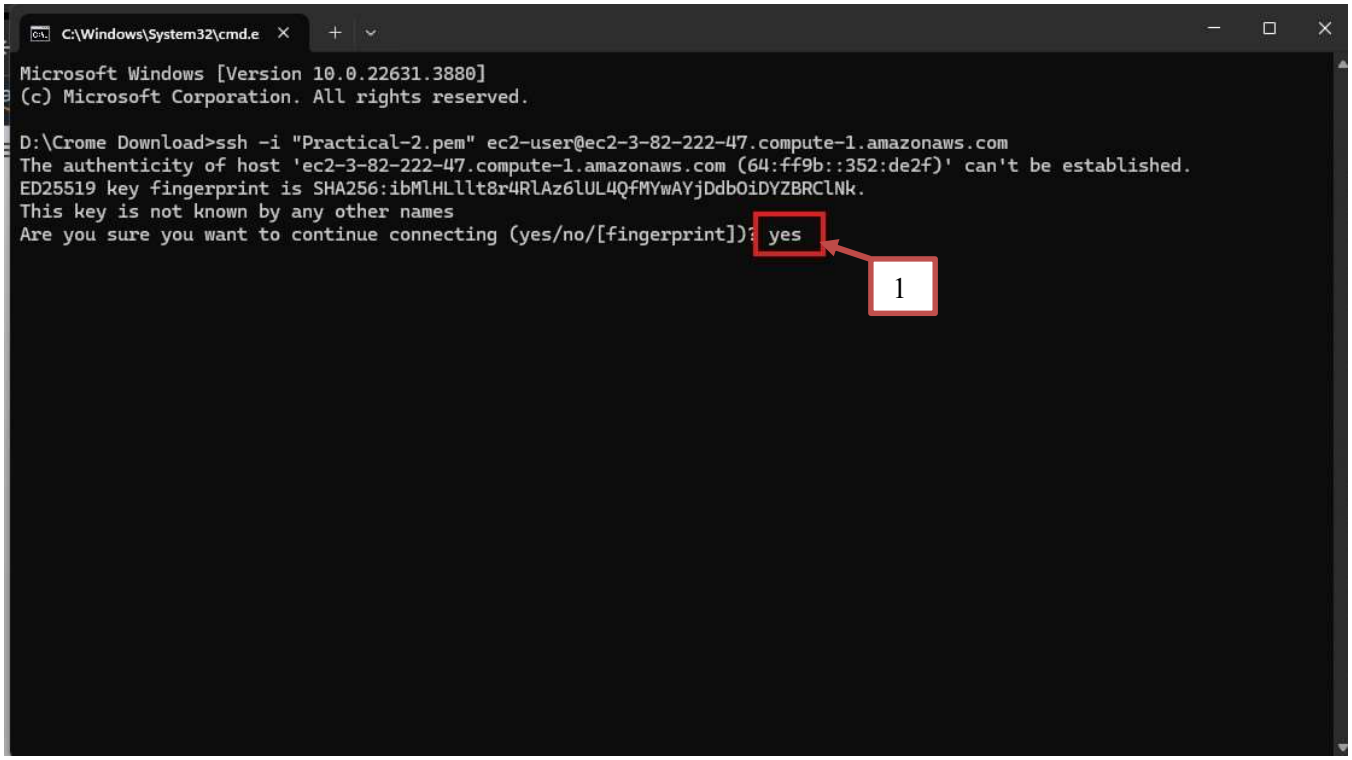
Screenshot:



Step 15: After open cmd terminal then paste ‘ssh link’ then press ‘Enter’ button and type ‘yes’ after press enter button.

Screenshot:





Step 16: After type 'yes' then enter you "EC2" terminal then you run your Terminal command like as kali Linux OS terminal.
Screenshot: