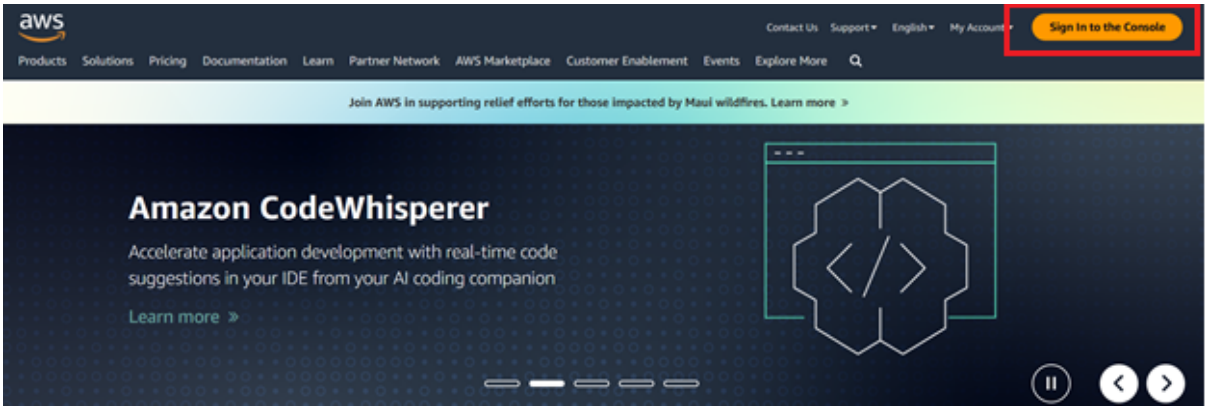
How To Create a AWS Account and LOGIN TO EC2 MACHINE

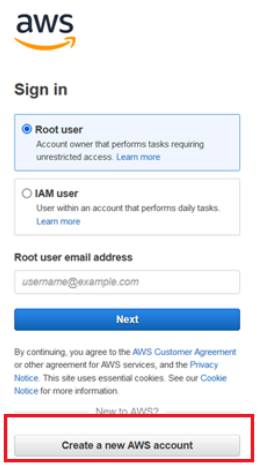
Step 1: Visit AWS Website

Go to the AWS website at URL click on “Sign into the Console”



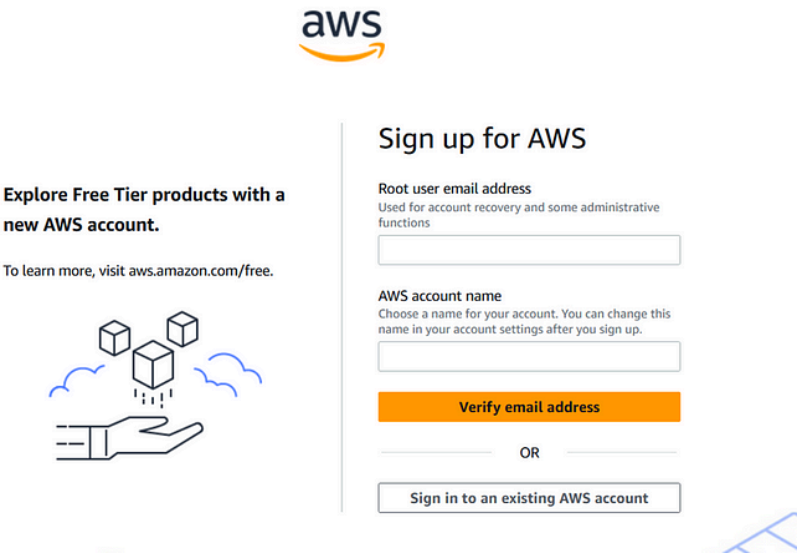
Step 2: Click “Create an AWS Account”

Click the “Create an AWS Account” button on the top right corner of the AWS homepge.



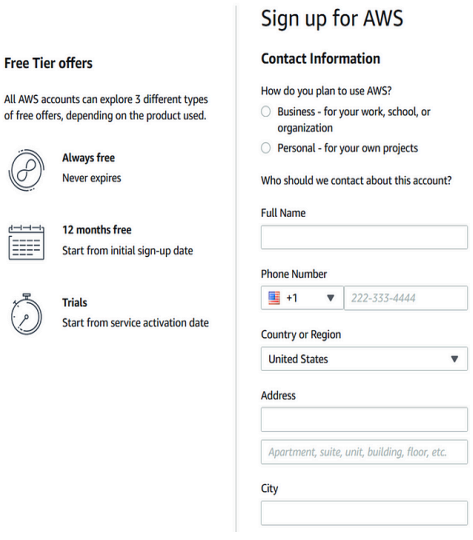
Step 3: Provide Your Email Address

Enter your email address and choose “I am a new user.” then enter the verification code process then Click “Next.”



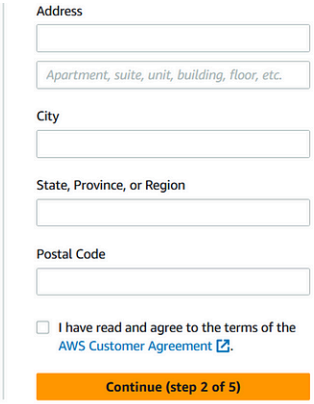
Step 4: Enter Your Account Information

Fill in the required information, including your name, desired AWS account name, and password. Click “Next.”



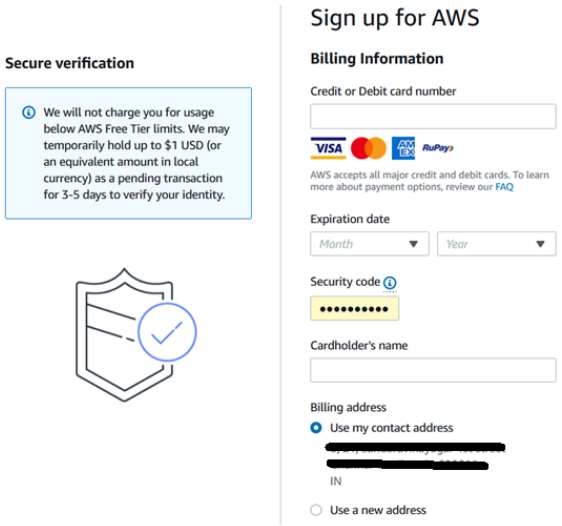
Step 5: Update Contact Information

Provide your contact information, including your phone number and address. Click “Next.”



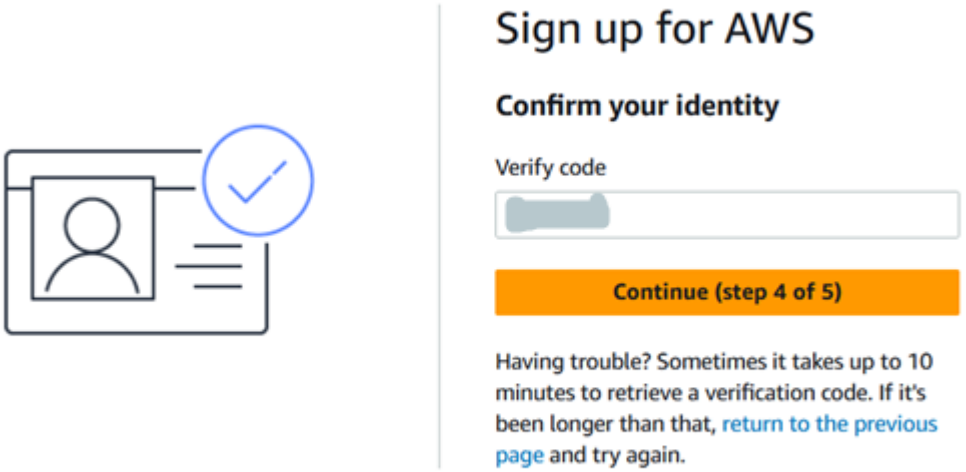
Step 6: Payment Information

Enter your payment information. AWS requires a valid credit card for account creation, even for the free tier. Fill in the necessary details and click “Secure Submit.”



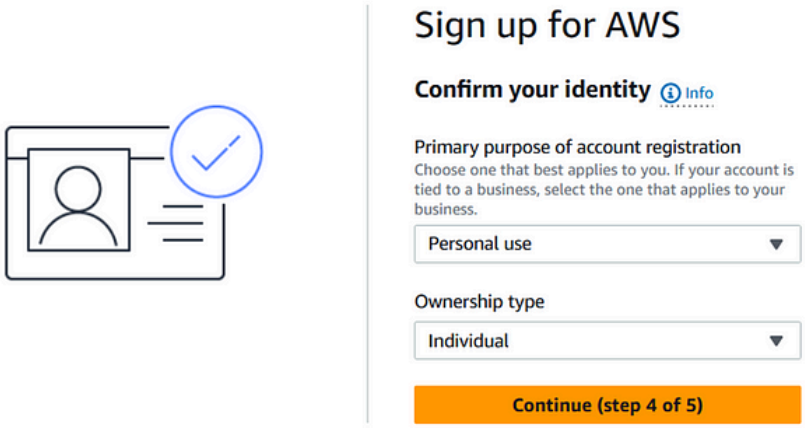
Step 7: Identity Verification

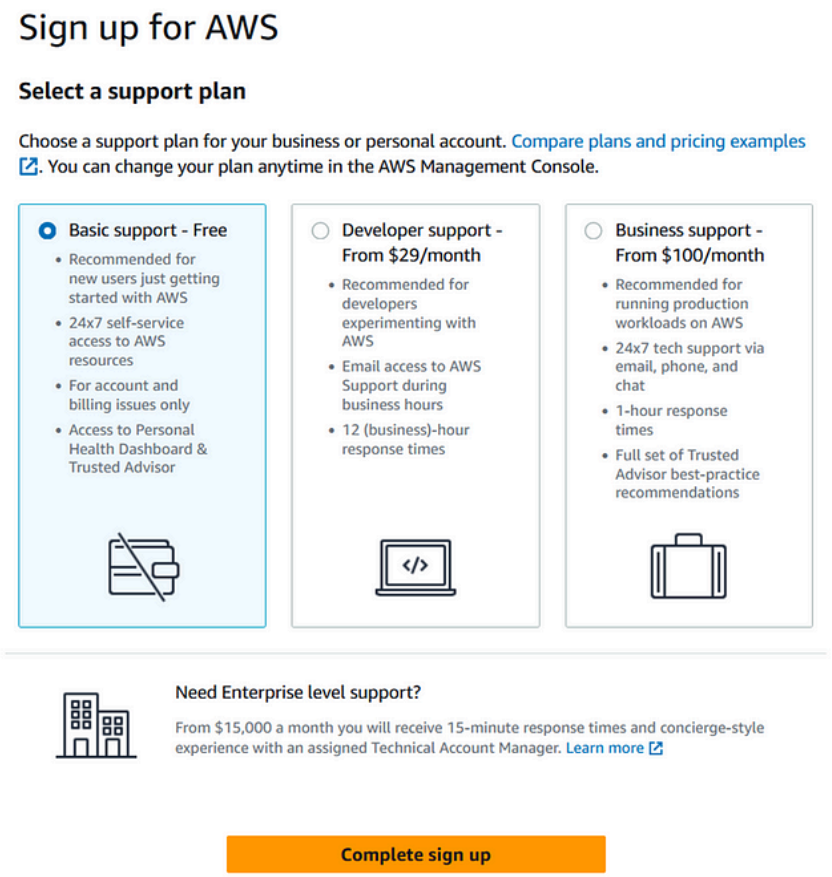
AWS will perform an identity verification process, usually by making an automated call to the phone number you provided. Follow the instructions for verification.



Step 8: Choose a Support Plan

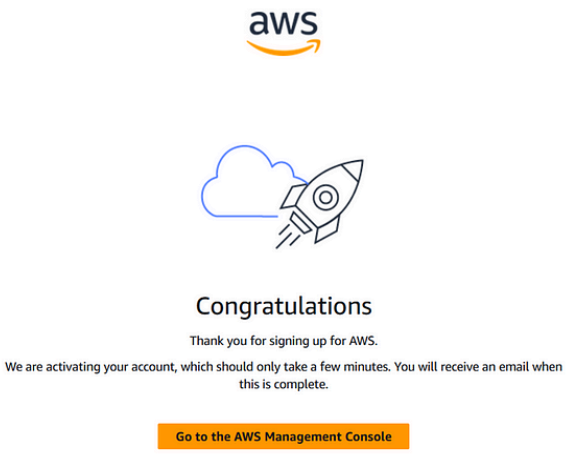
Choose the desired AWS support plan. If you're just starting out, you might choose the free Basic support plan. Click "Continue."





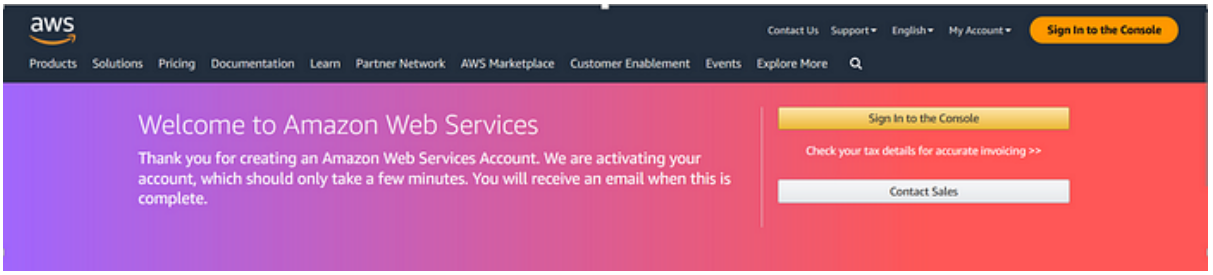
Step 9: Confirmation

Review your details and make sure everything is accurate. Read and accept the AWS Customer Agreement, AWS Service Terms, and AWS Privacy Notice. Click “Create Account and Continue.” And your account will be created.



Step 10: Access the AWS Management Console

Once the setup is complete, you can access the AWS Management Console using your new AWS account credentials.



Then , Sign In with your credentials !!!

Create your First ec2 instance

1.Sign in to the AWS Management Console and open the Amazon EC2 console at https://console.aws.amazon.com/ec2/.

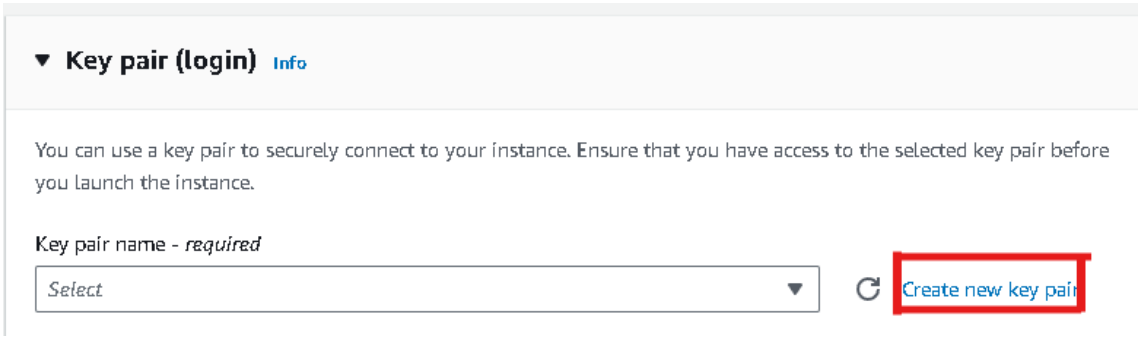
2.On the EC2 Dashboard, choose Launch instance.

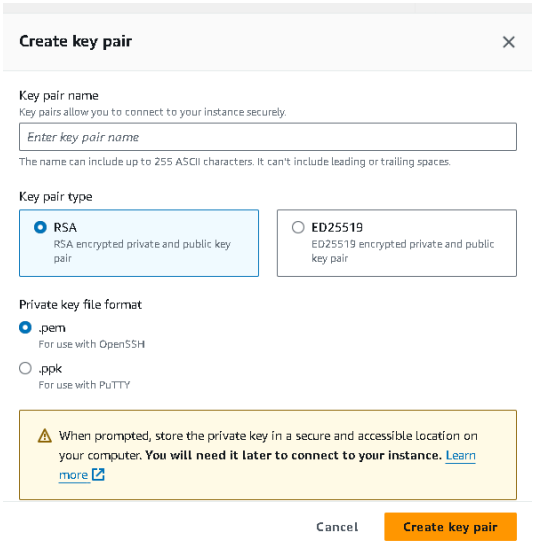
3.Under Name and tags, for Name, enter a name to identify your instance. For this tutorial, name the instance tutorial-instance-manual-1. While the instance name is not mandatory, the name will help you easily identify it.

4,Under Application and OS Images, choose an AMI that meets your web server needs. This tutorial uses Amazon Linux.

5.Under Instance type, for Instance type, select an instance type that meets your web server needs. This tutorial uses t2.micro.

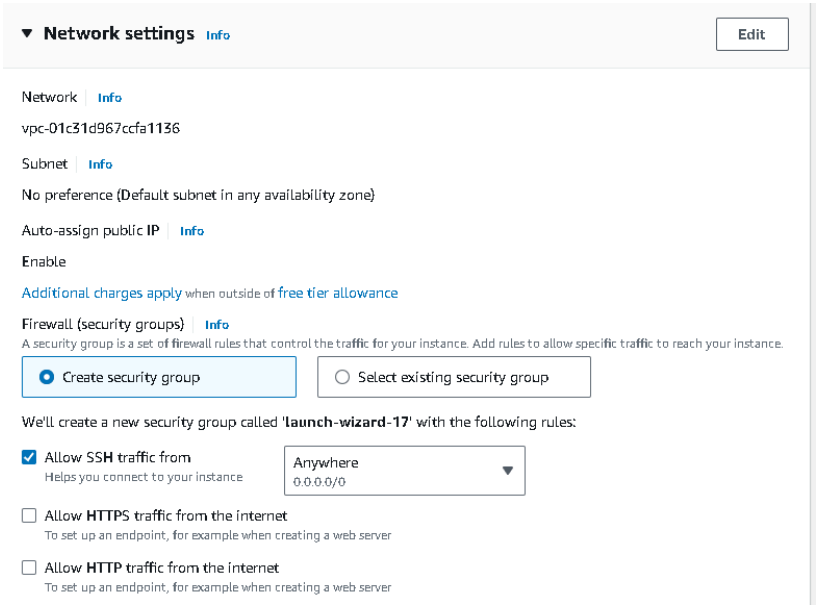
6.Under **Key pair (login)**, for **Key pair name**, choose your key pair. (if already created or create new key pair)





Download it locally for future Login!!!!

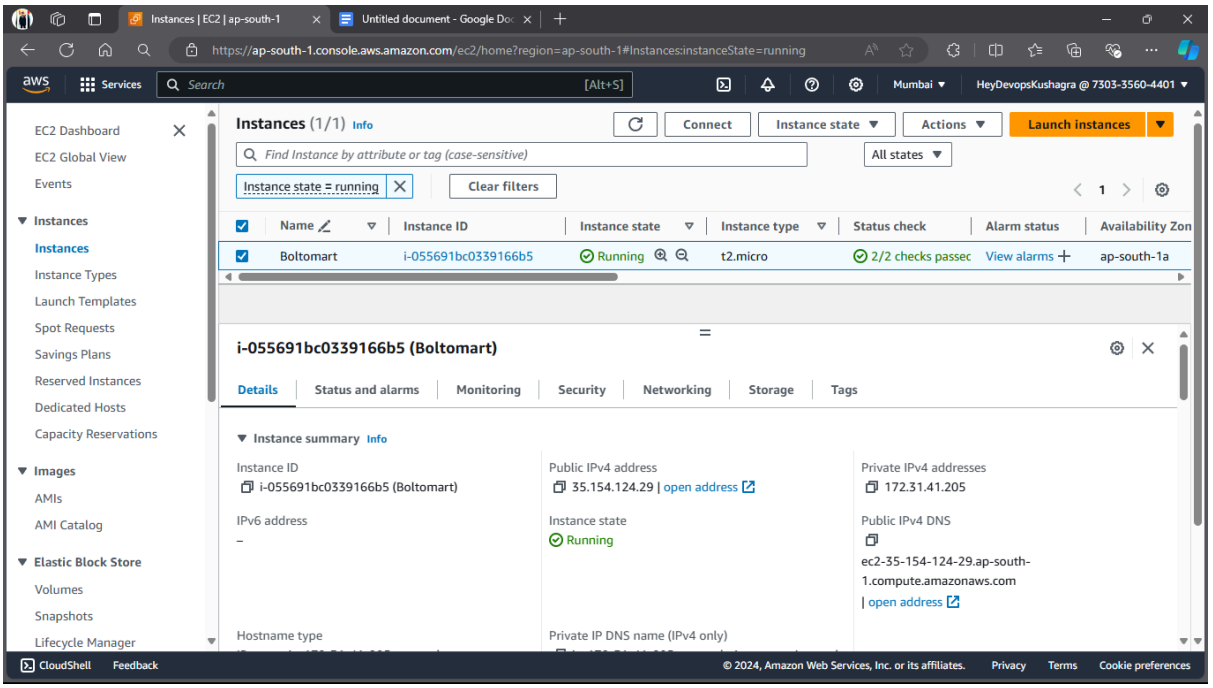
7.Under **Network settings**



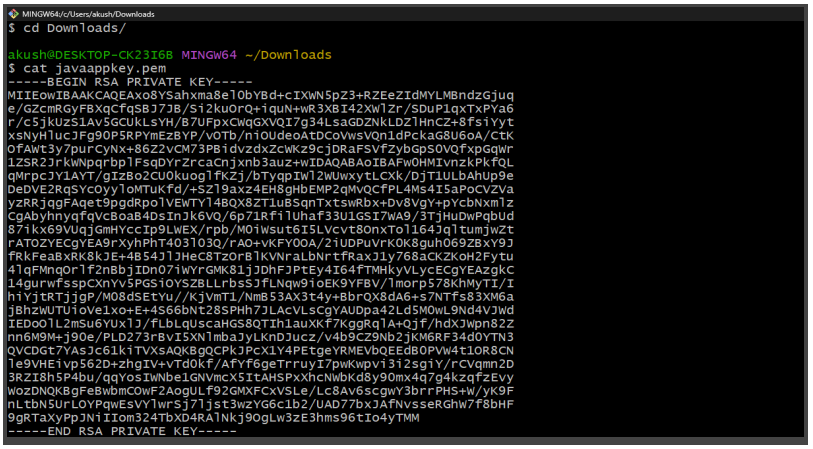
8. In the Summary panel, review your instance configuration and then choose Launch instance.

9. Choose View all instances to close the confirmation page and return to the console. Your instance will first be in a pending state, and will then go into the running state.

How To Login Using Command Prompt

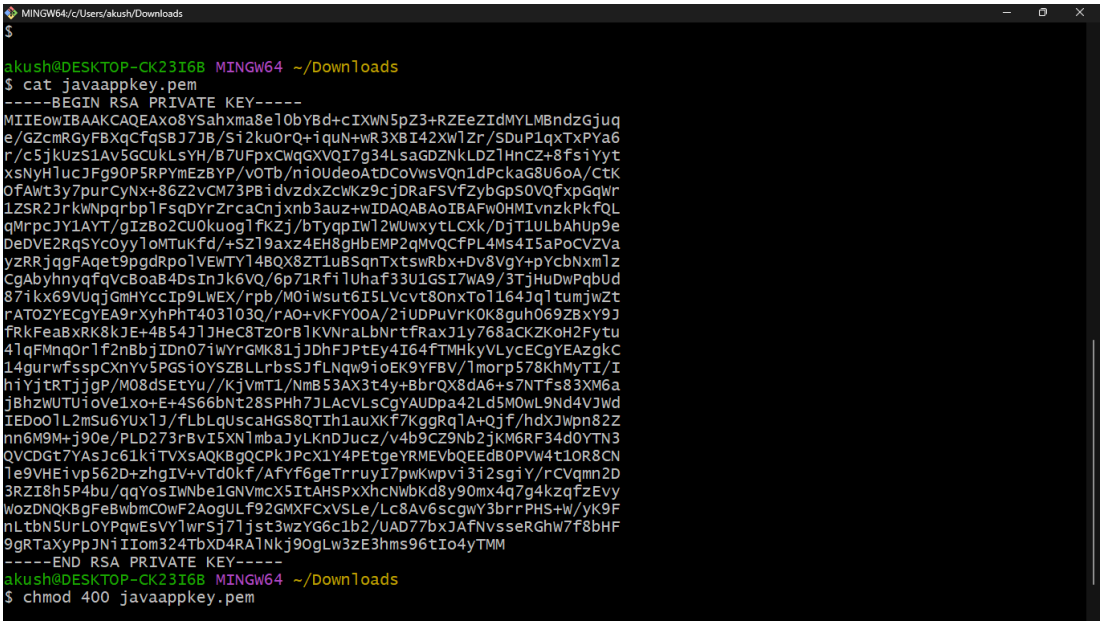


This Is your Key pair .



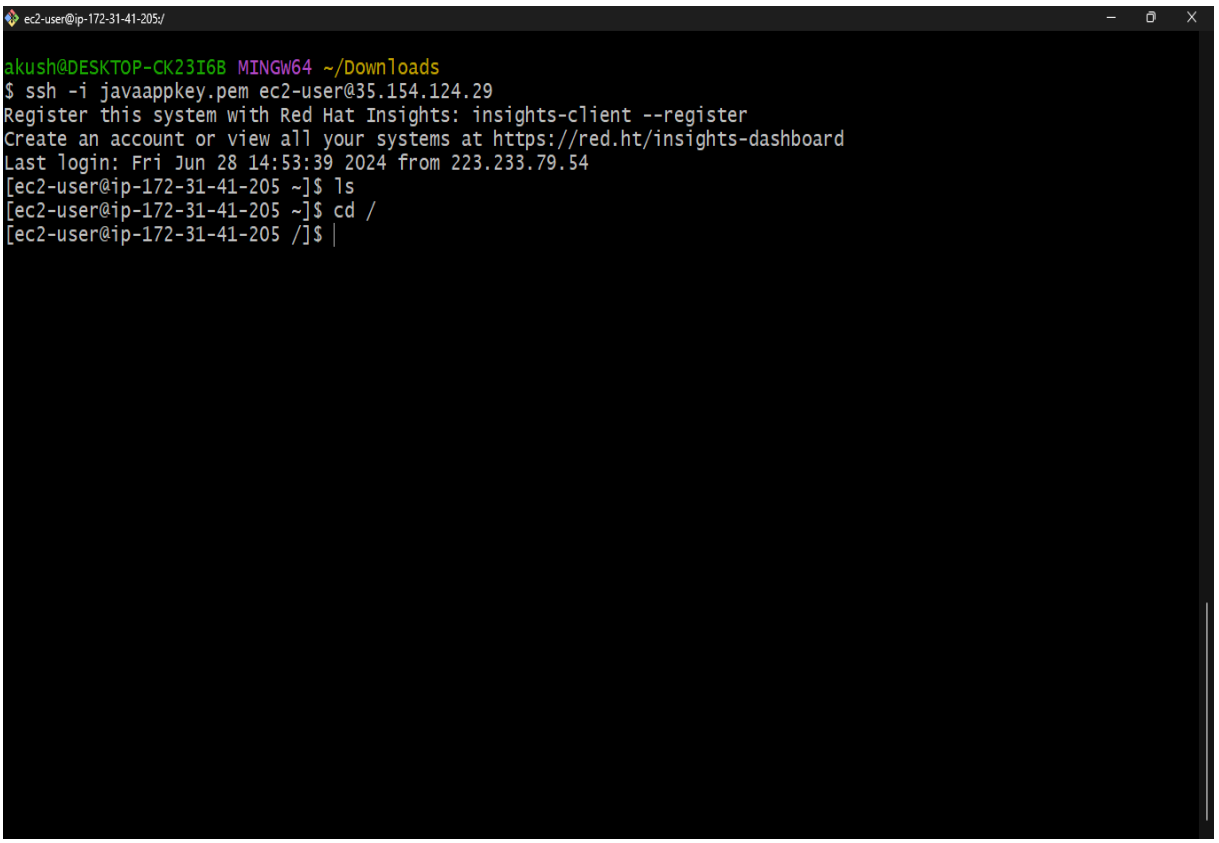
Make it Executable , Give permissions

chmod 400 /path_to_key/my_key.pem

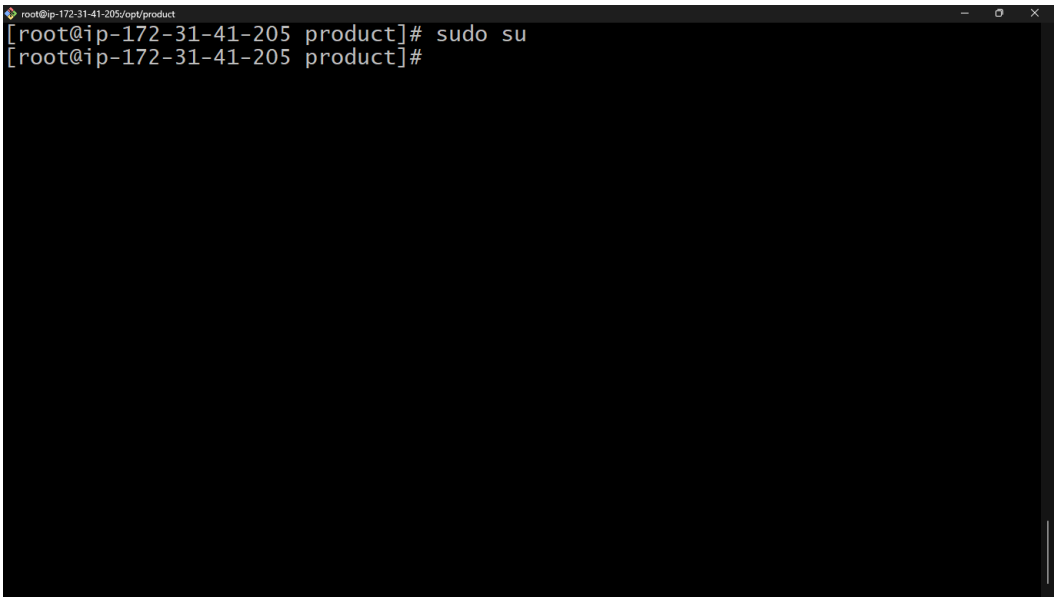


SSH INTO MACHINE

ssh -i /path_to_key/my_key.pem user_name@public_dns_name



Get Root Privileges



Voila !! Now your Linux system is ready to test the Linux commands as shared in the class