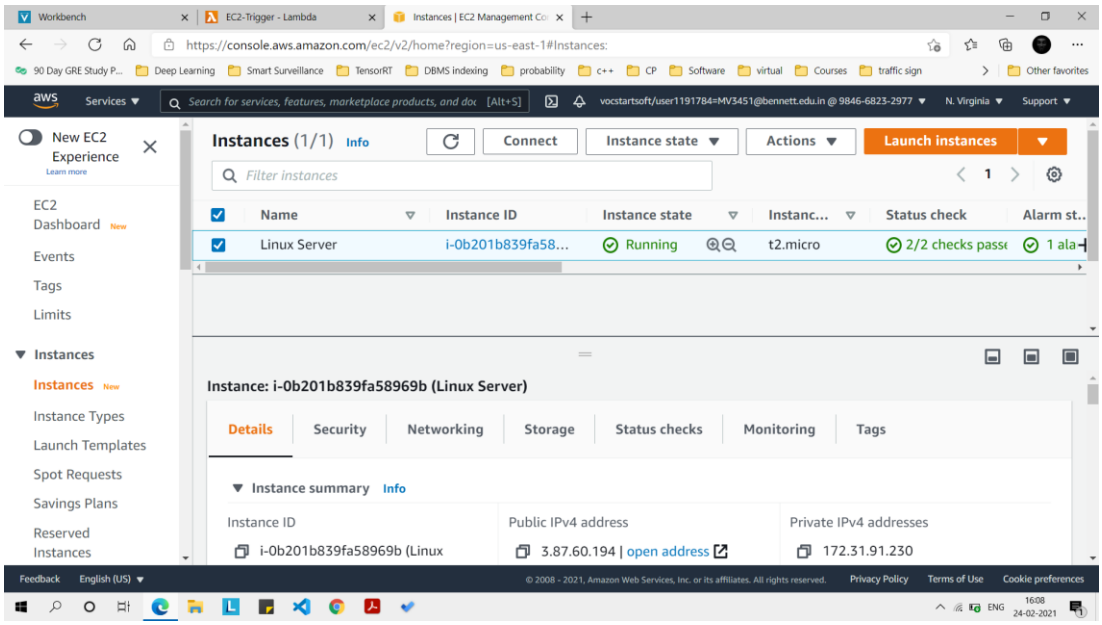
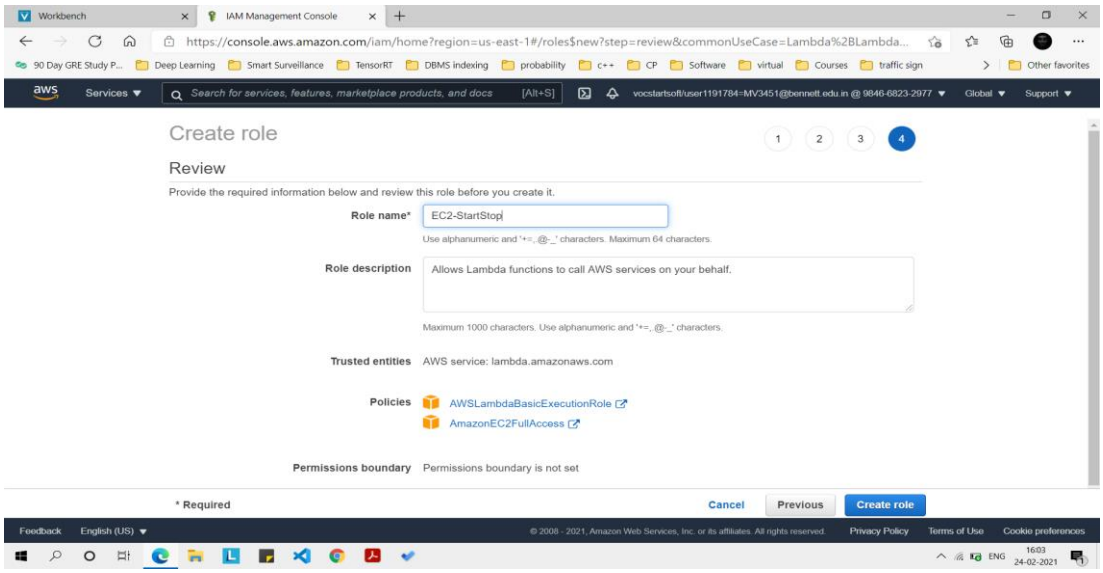
Lab Assignment – 06

Part-1: Start / Stop EC2 instances using AWS Lambda and CloudWatch Events Scheduler

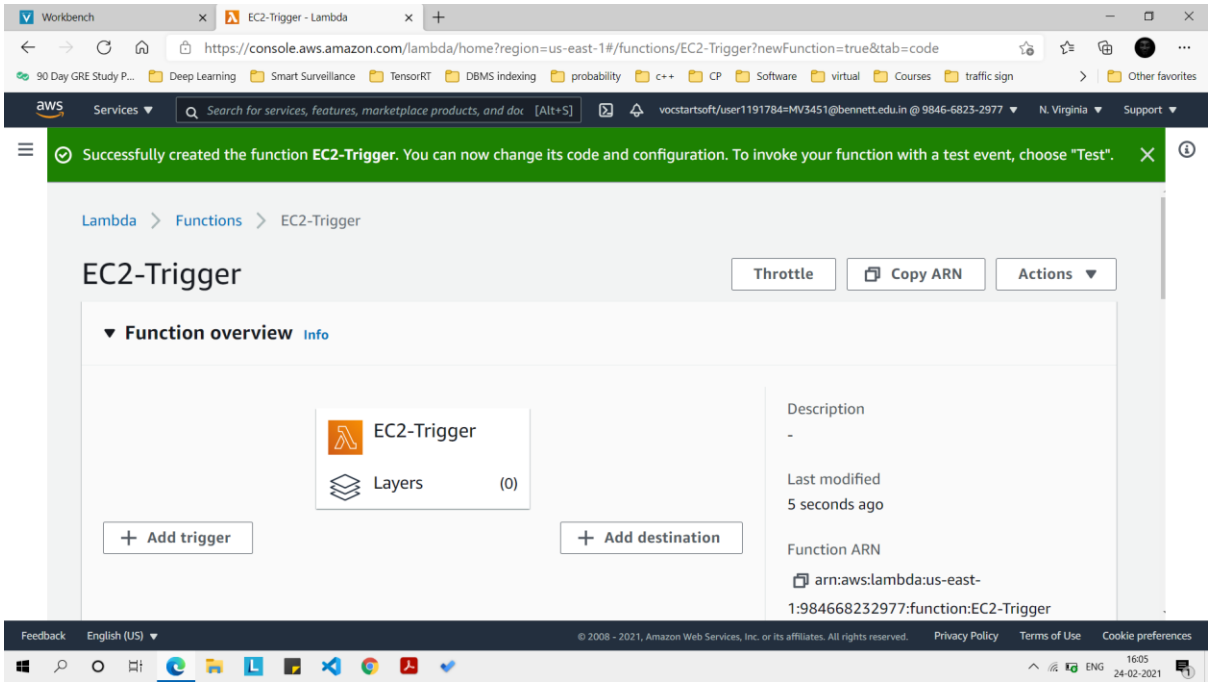
Task-1: Create 1 Linux instance.



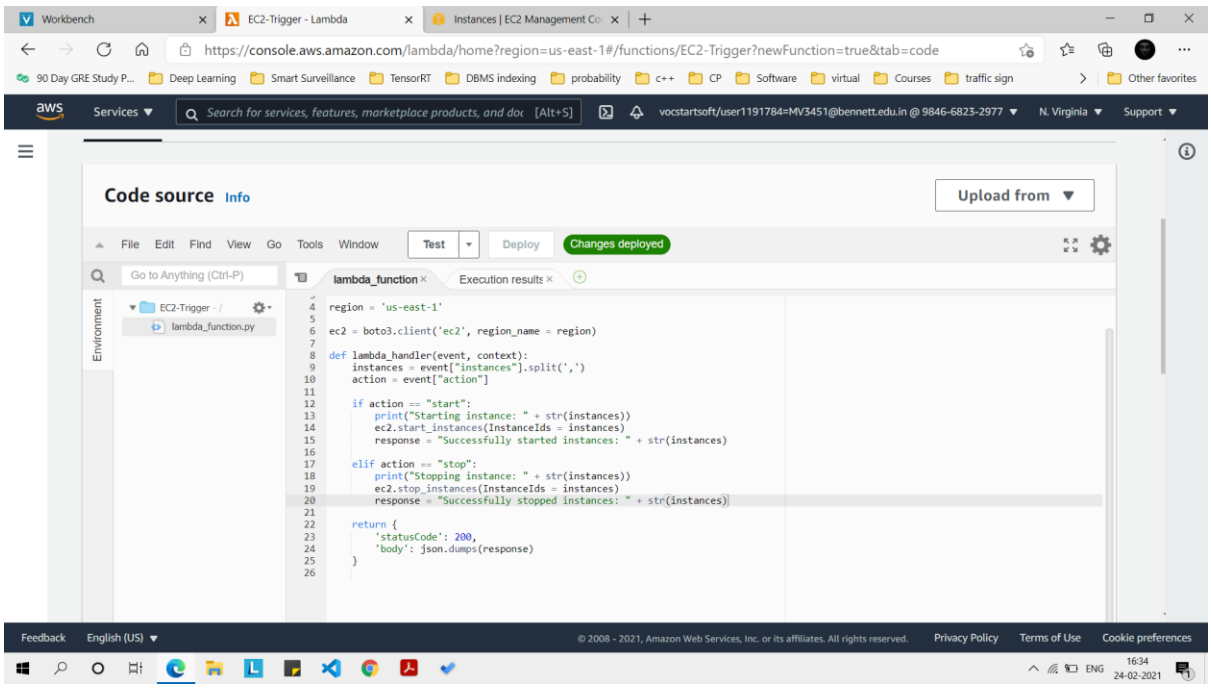
Task-2: Open IAM service and create role to access Lambda Services.



Task-3: Open Lambda services and create a new lambda function.



Task-4: Save the code and select a test event and configure the test event.

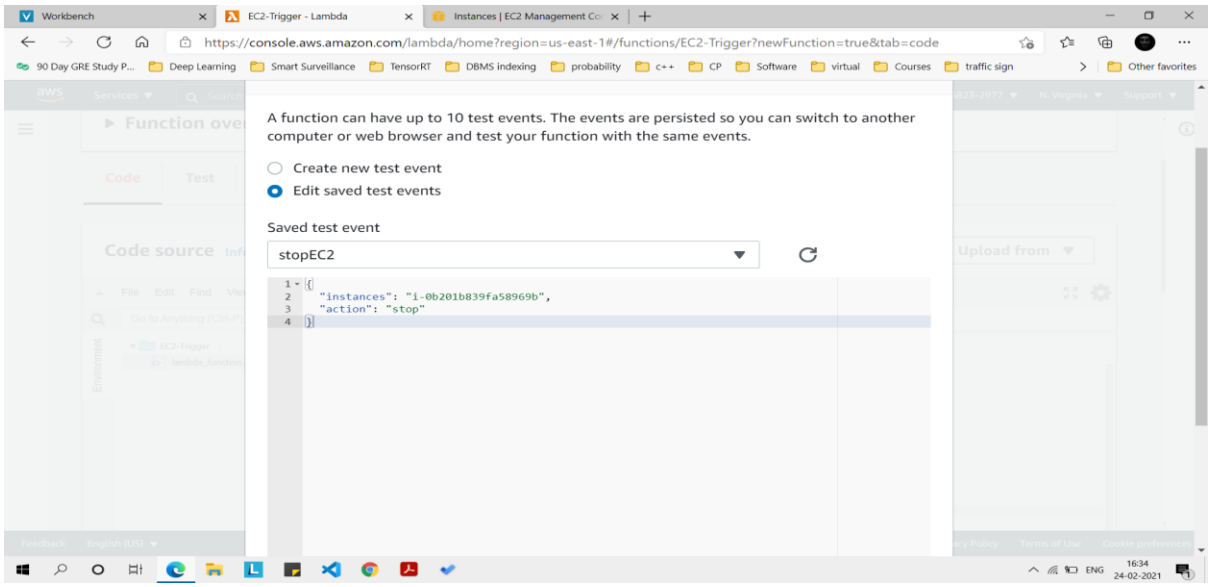


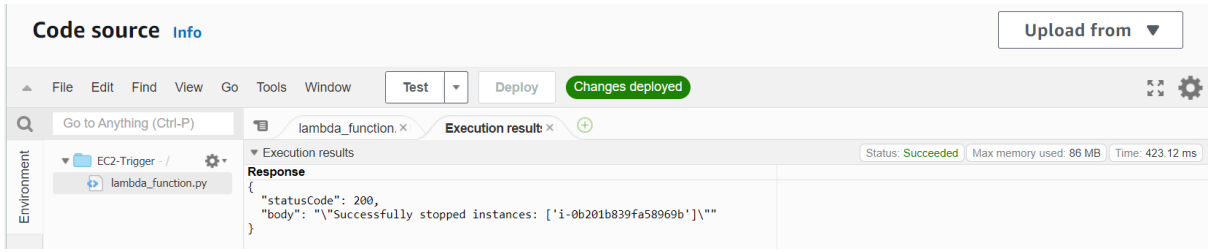
Task-5: Test the EC2 events by clicking on start EC2 event and stop EC2 event.

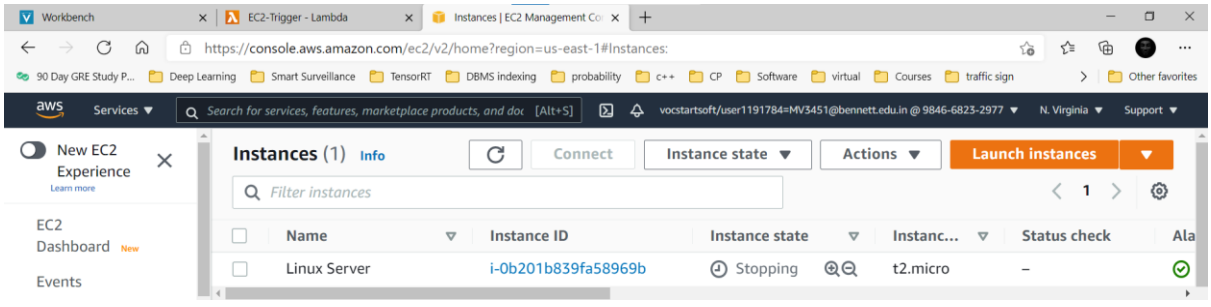
And

Task-6: Provide the execution details of the lambda function

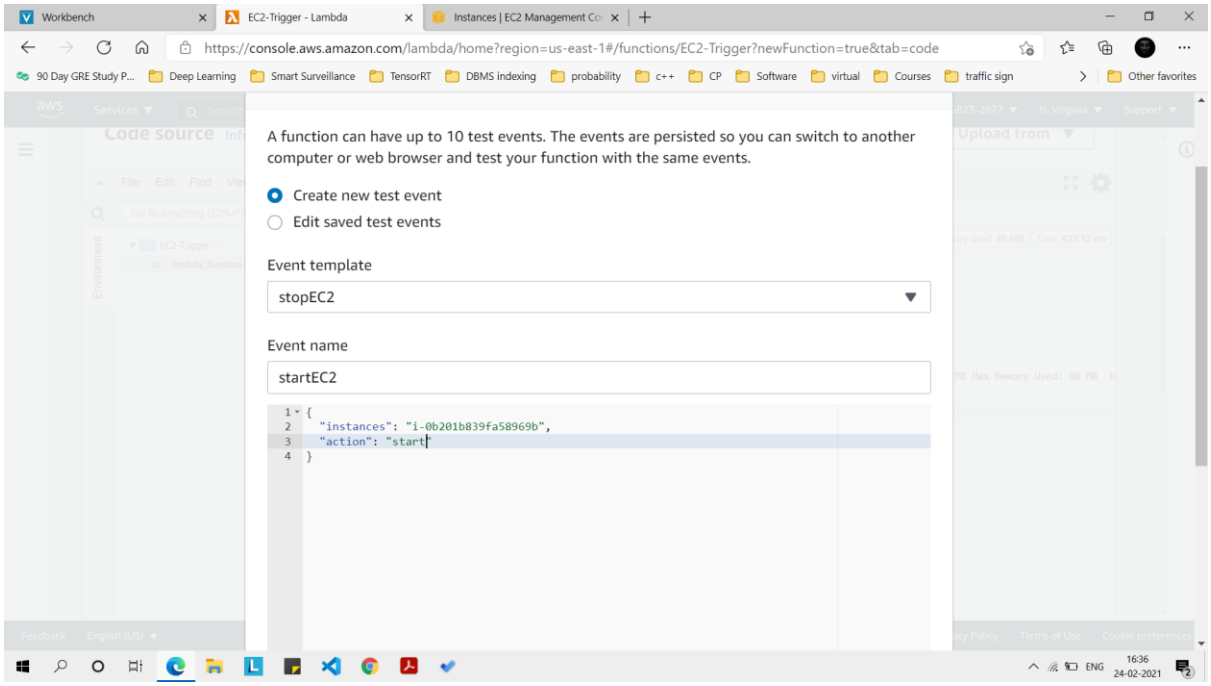
Stopping instance:

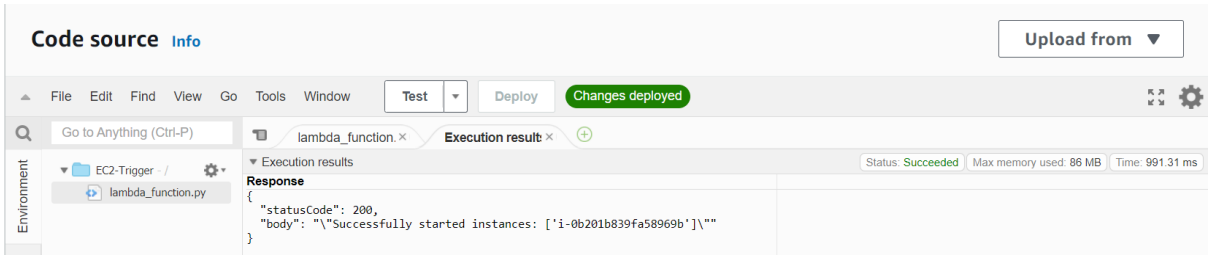


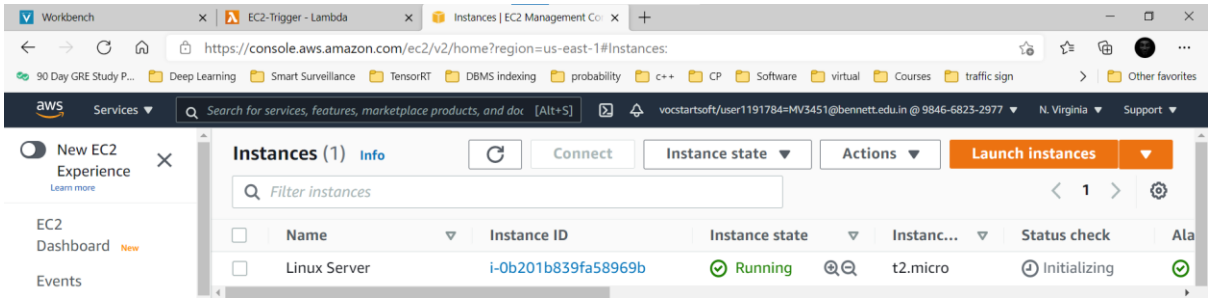




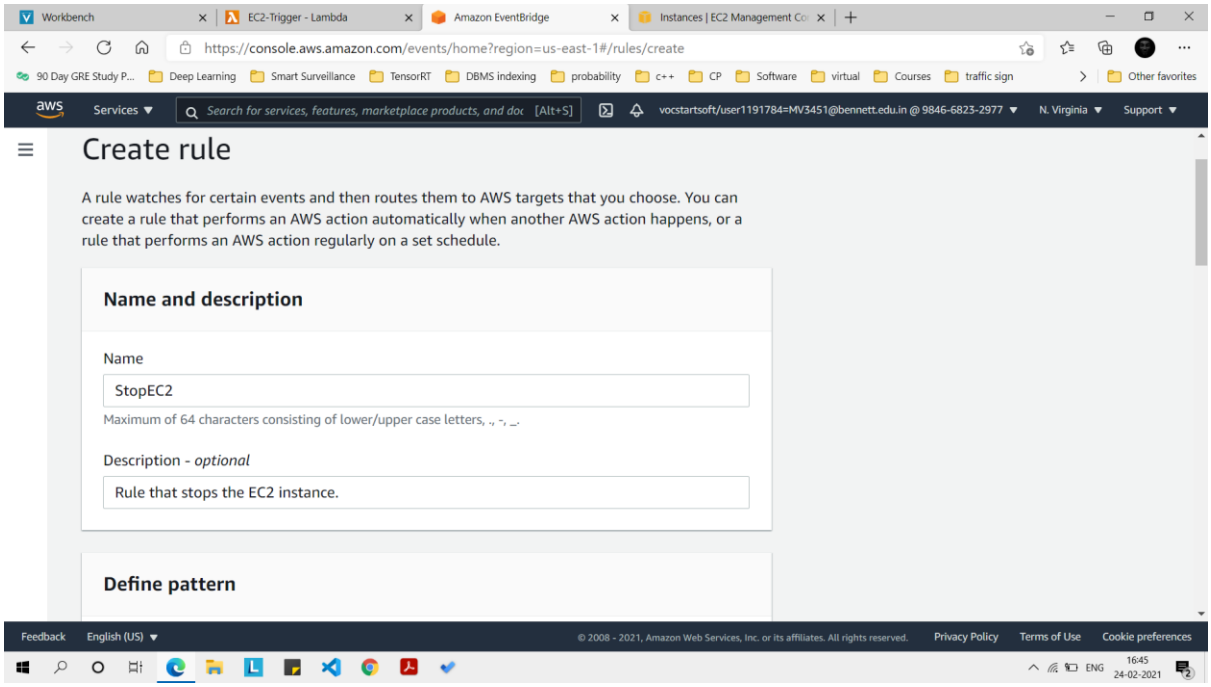
Starting instance:

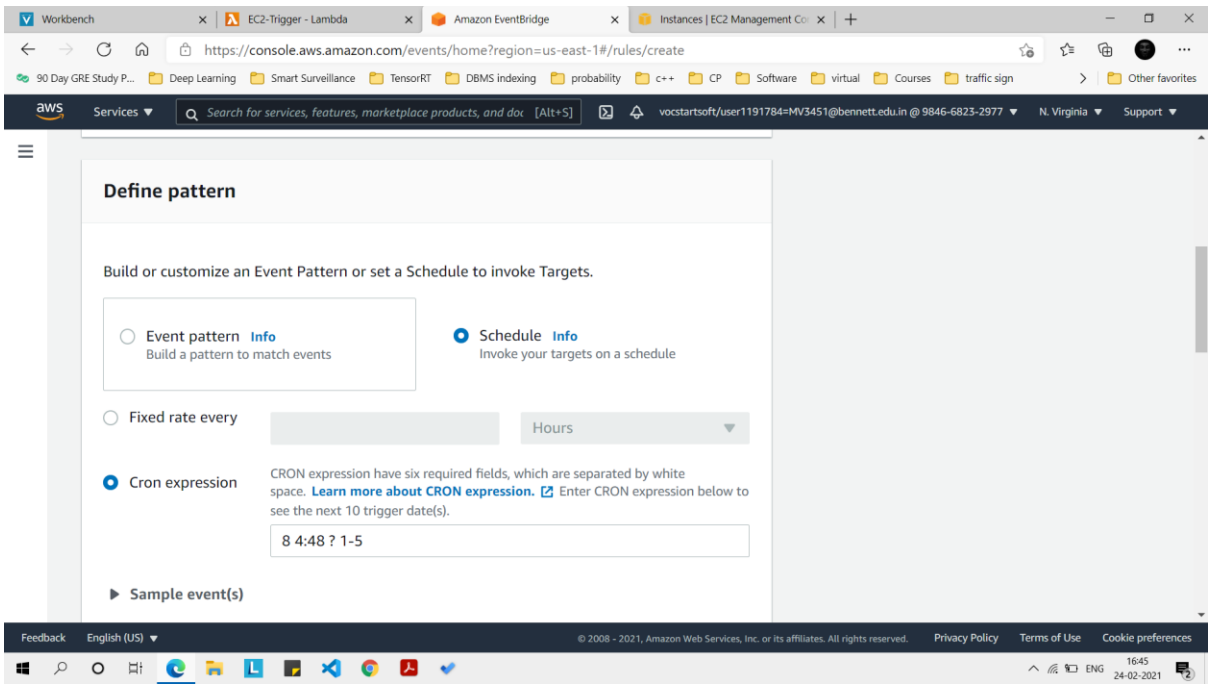


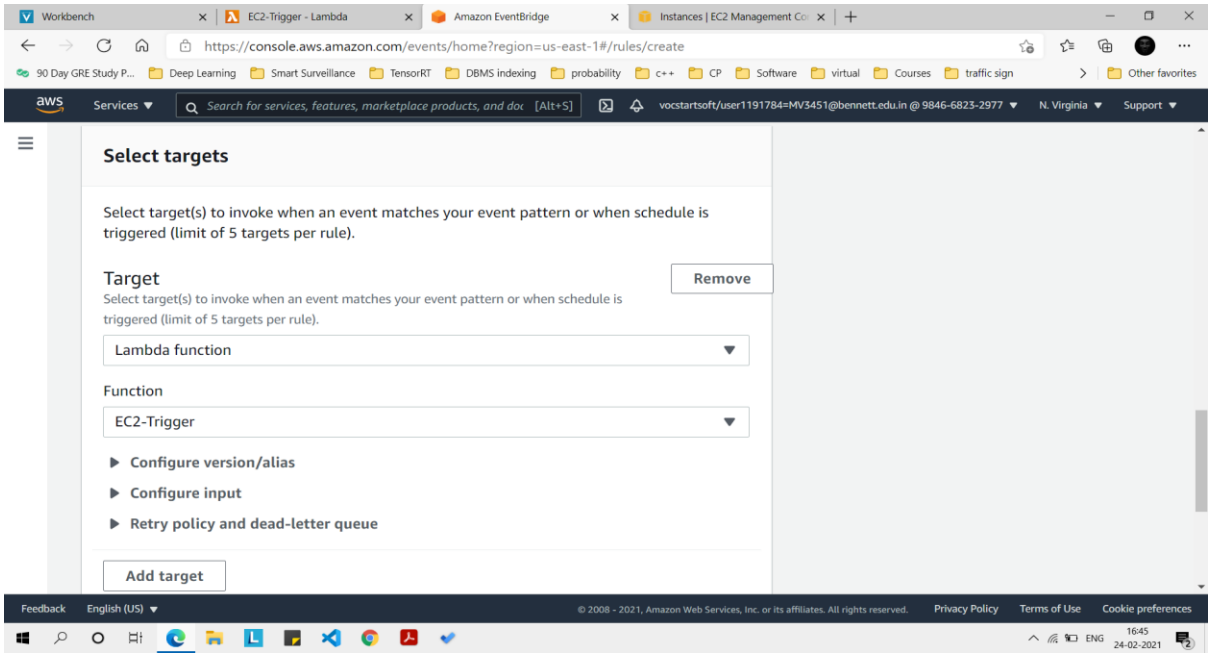


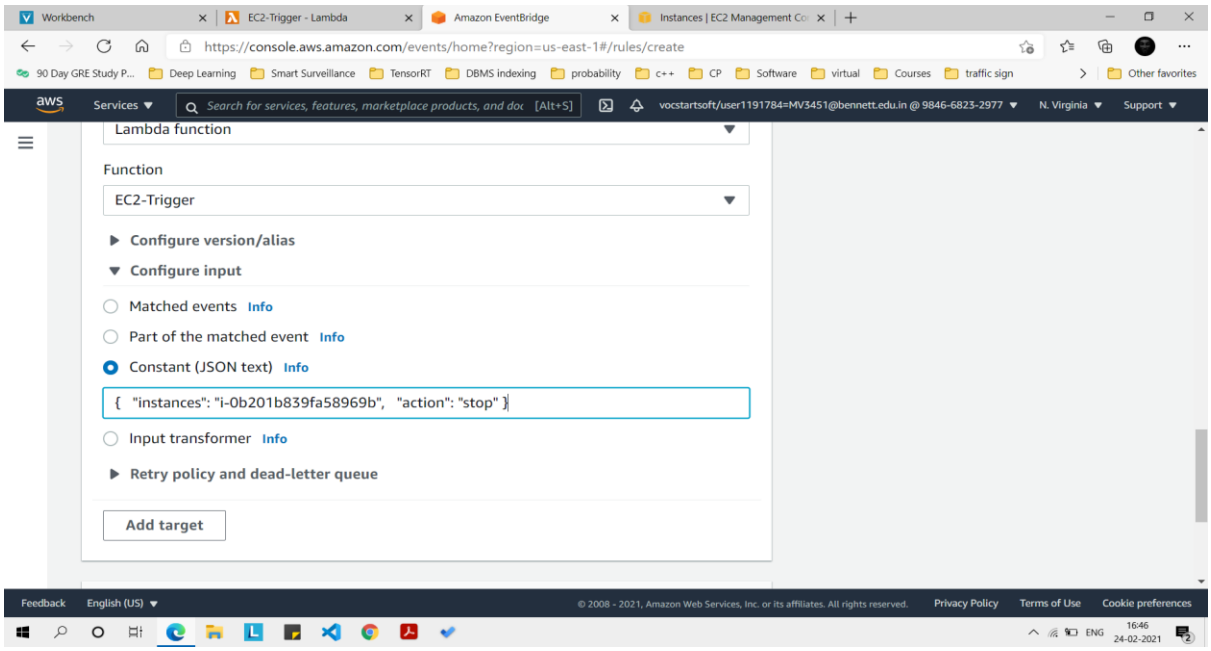


Task-7: Select the event bridge and click on the create rule to trigger the lambda function.

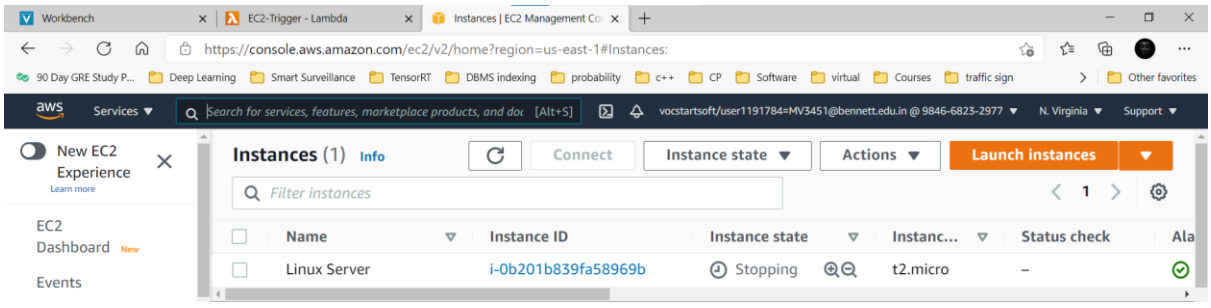






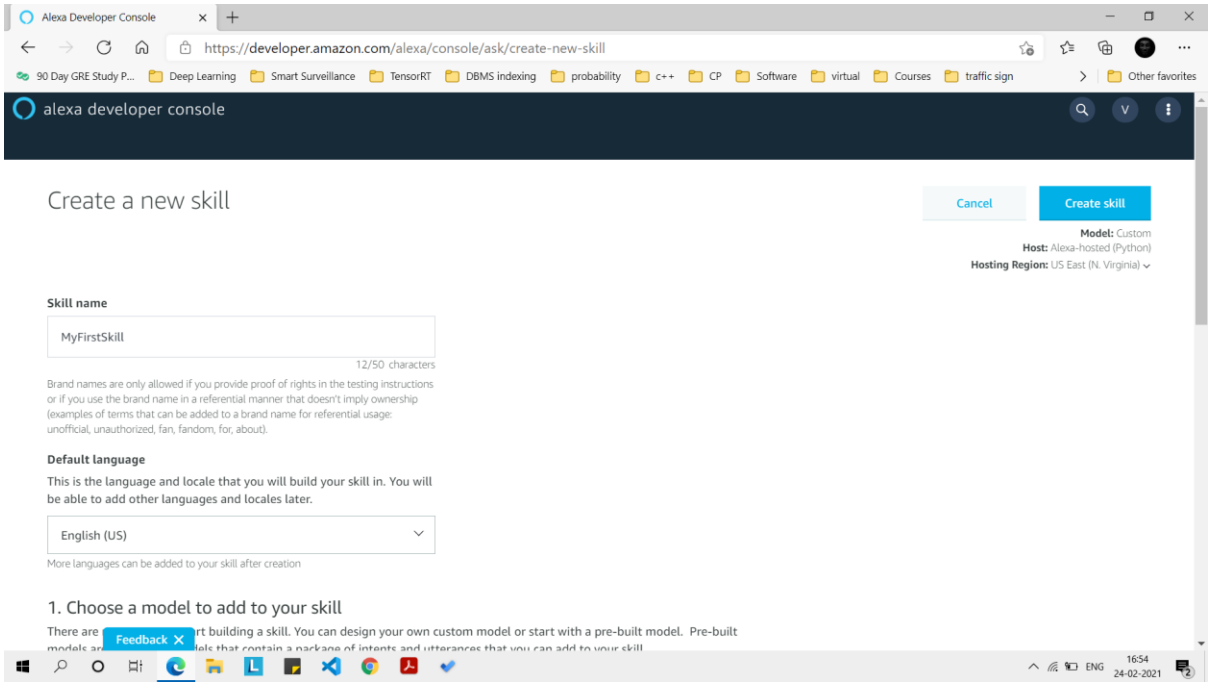


The instance was stopped at the scheduled time.

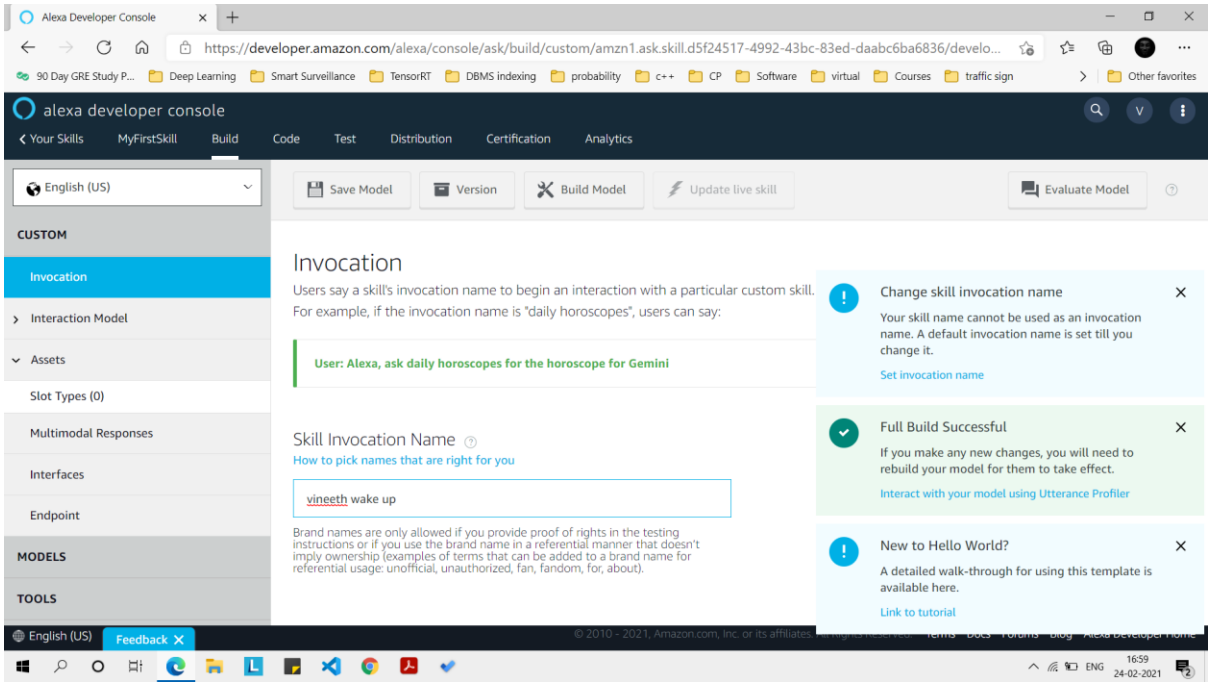


Part-2: Create Alexa Skills with AWS Lambda using Python

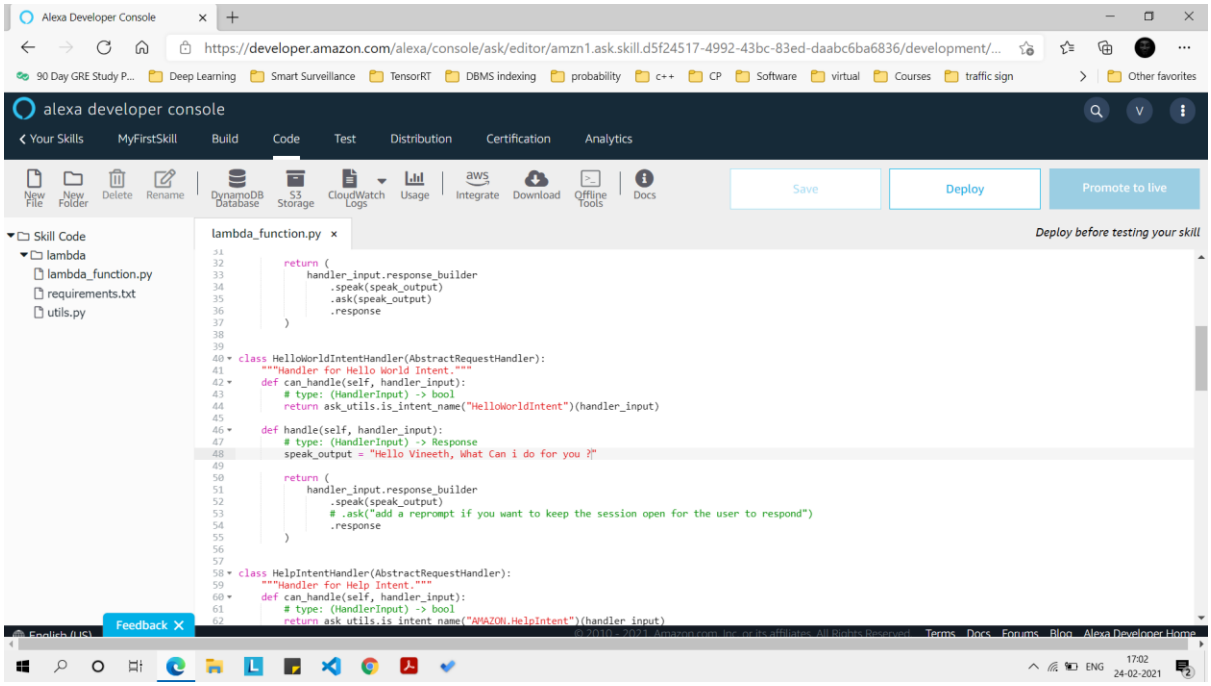
Task-1: Open Alexa Developer console and create a new skill.



Task-2: Build your skill.



Task 3: Now go to the code and type your message in the HelloWordIntentHandler



Task-4: Go to the test tab. Type the invocation name. Your message will be displayed and will converted into voice message.