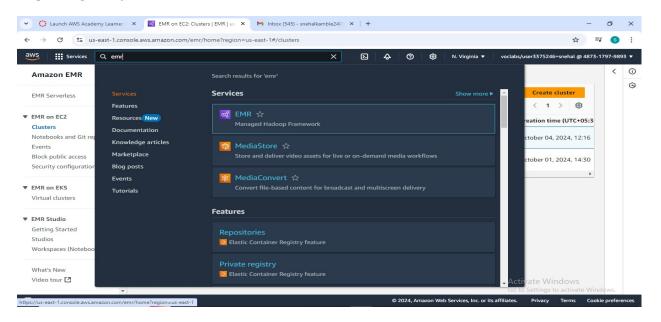
Assignment 10

Name: Srushti Dattatray Pawar

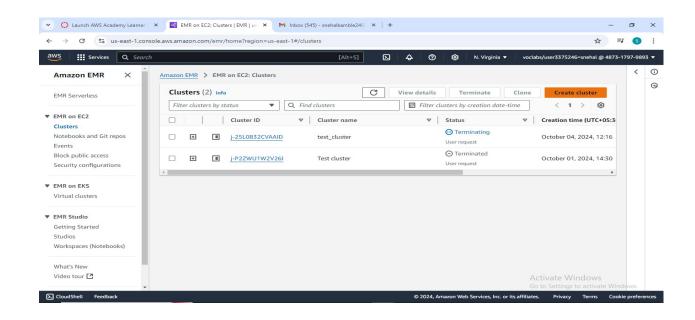
Class: Msc CS Part 2

Q.) Installation and configuration of cloud Hadoop and demonstrate simple query

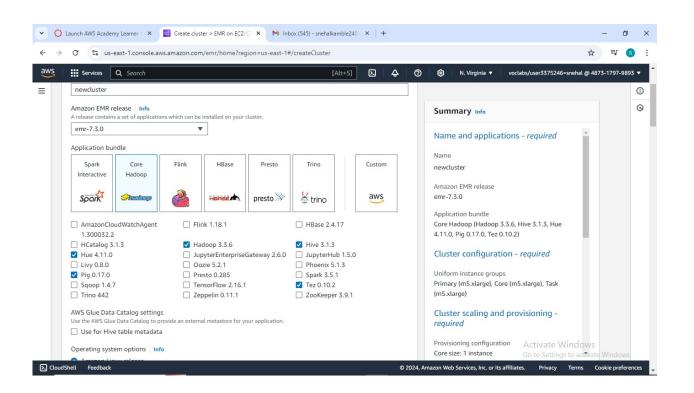
Step 1:Login to your AWS account, search for EMR under services



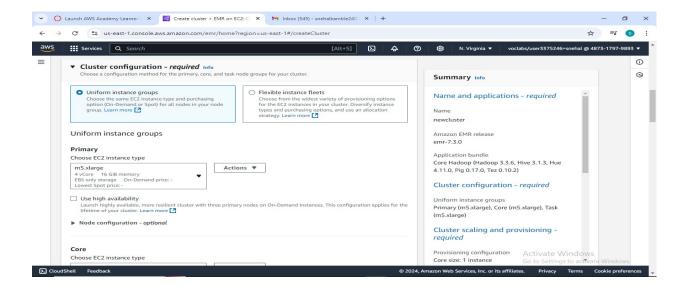
Step 2:Click on->Create cluster

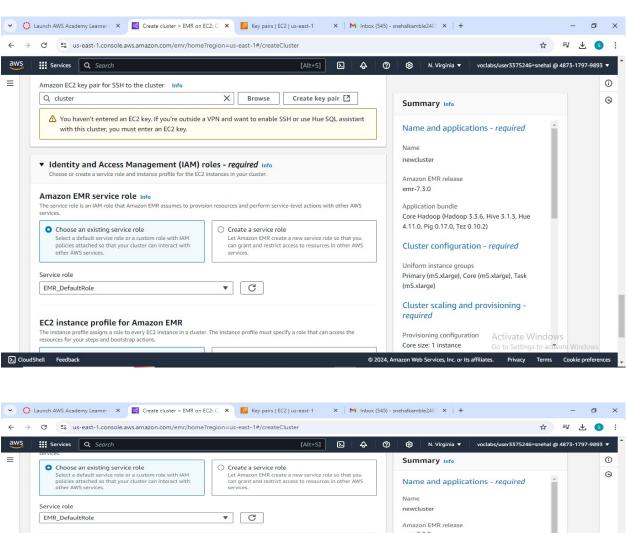


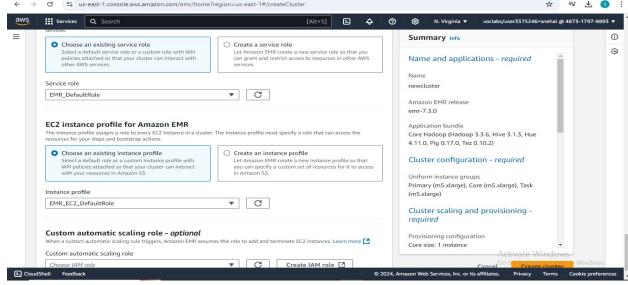
Step 3: Give name to cluster and select Core Hadoop application bundle.



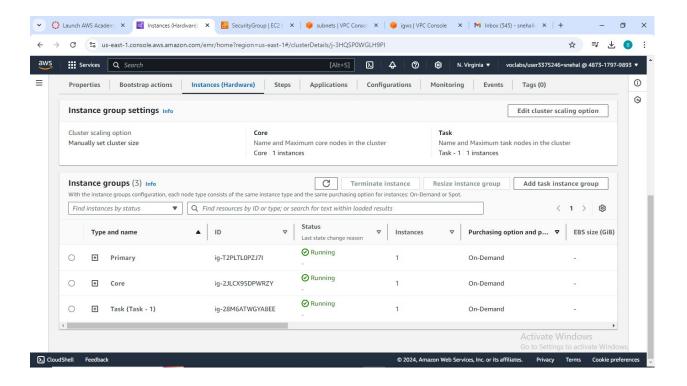
Step 4:Select EC2 key pair.Service role->EMR_DefaultRole





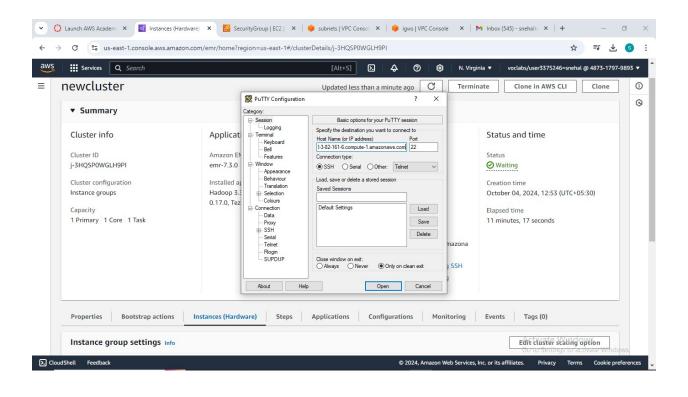


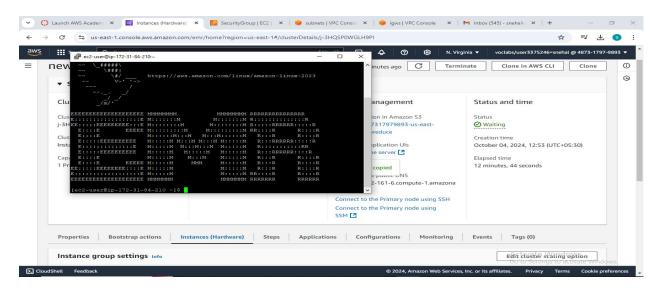
Step 5:IN EC2 instance, choose instance profile EMR_EC2_DefaultRole and click->Create >Create cluster

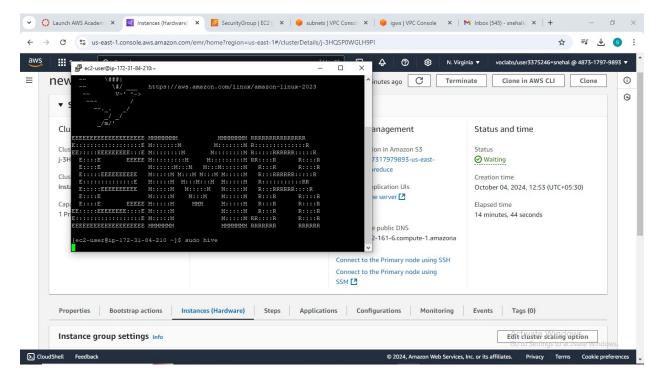


Step 6:Wait until all instance group's status changed to running

Step 7:Copy the public DNS in puttyit will open a new terminal for ec2 user







Step 8:Type commands:

sudo hive

Fire a query for creating table CREATE TABLE student(

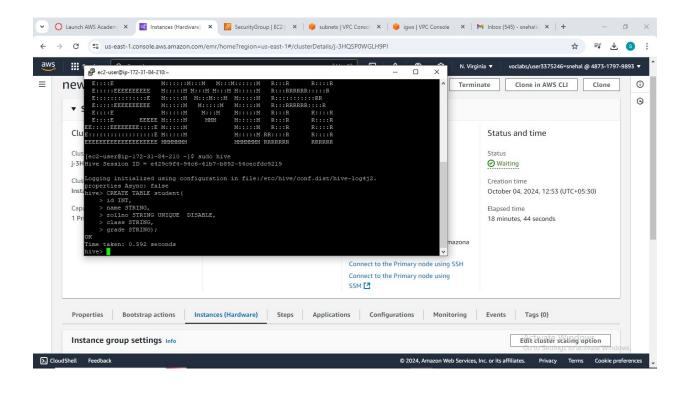
id INT,

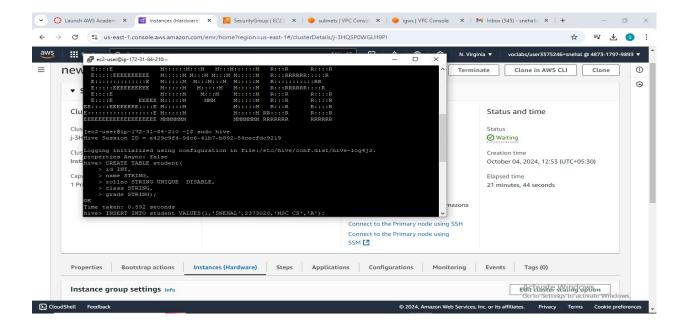
name STRING,

rollno STRING UNIQUE DISABLE,

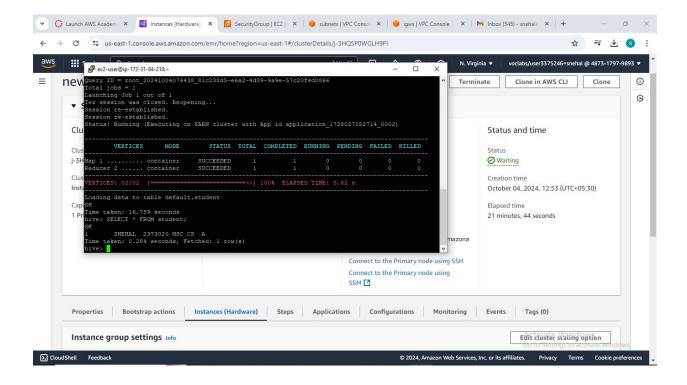
class STRING,

grade STRING);





Insert values in the table :insert into student values(1,'snehal',2373020,'MSc CS','A');



And using select * from student; You can view the entry of student