CloudWatch Alarms

Problem Statement:

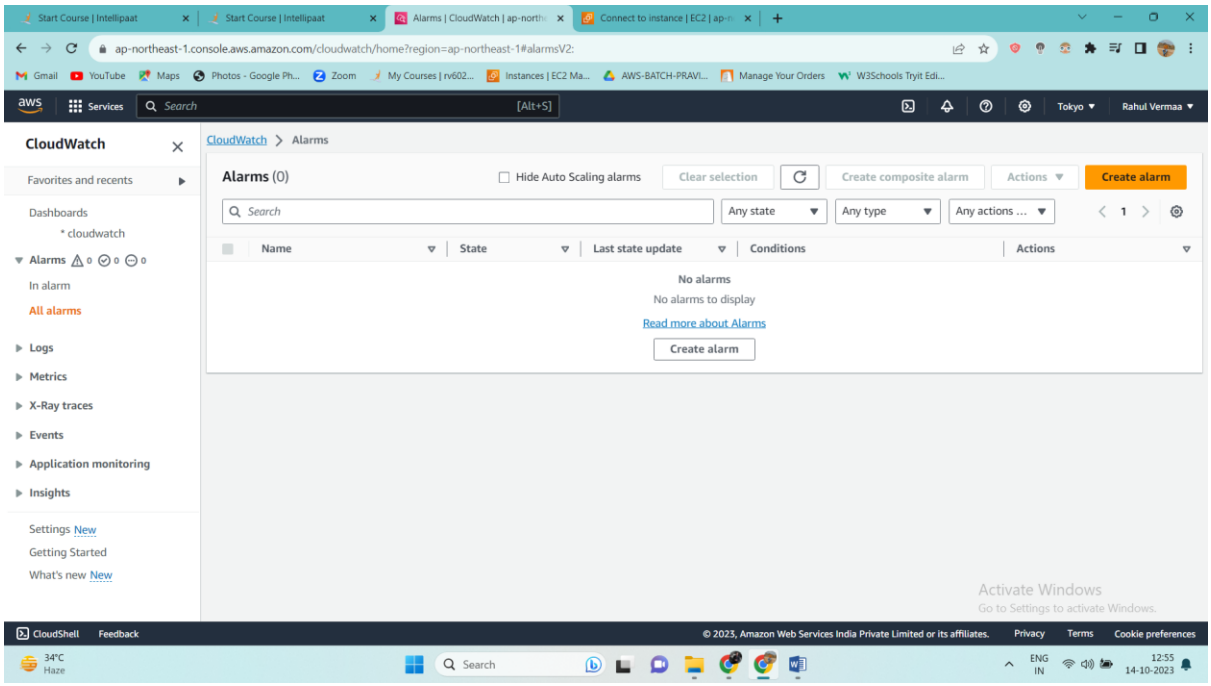
You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users. Also, you will be monitoring the machines created by these users for any errors or misconfigurations

Tasks To Be Performed:

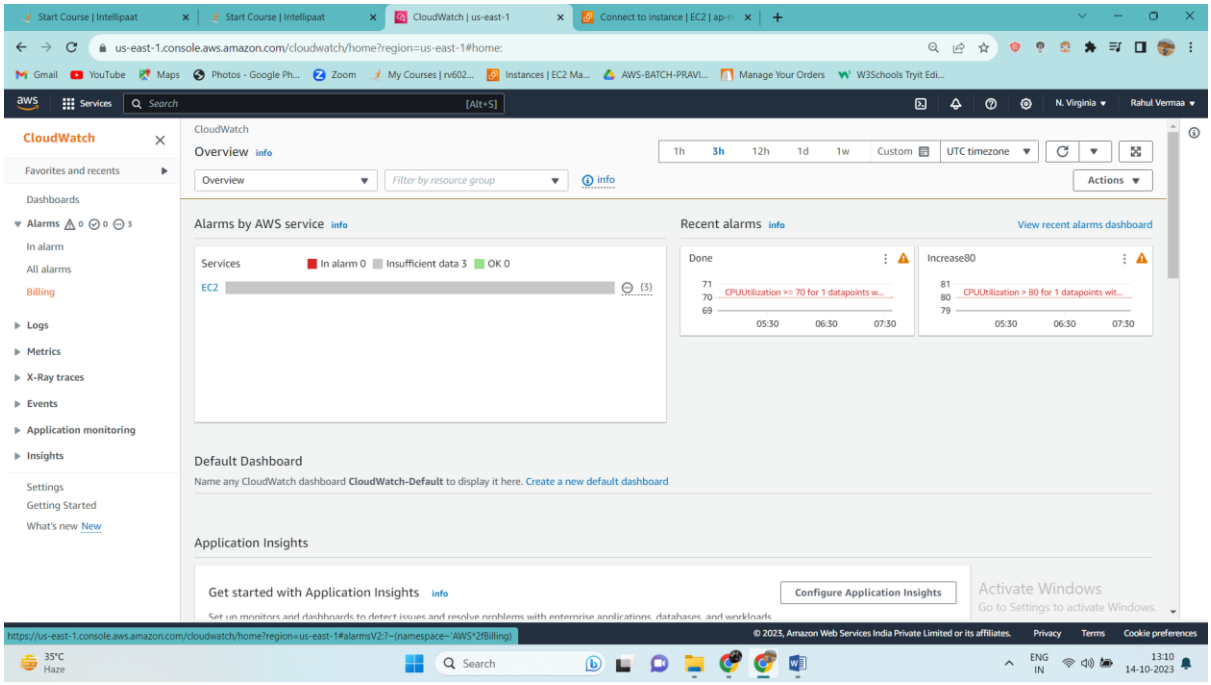
1. Create a CloudWatch billing alarm which goes off when the estimated charges go above $500.

2. Create a CloudWatch alarm which goes off to an Alarm state when the CPU utilization of an EC2 instance goes above 65%. Also add an SNS topic so that it notifies the person when the threshold is cressed.

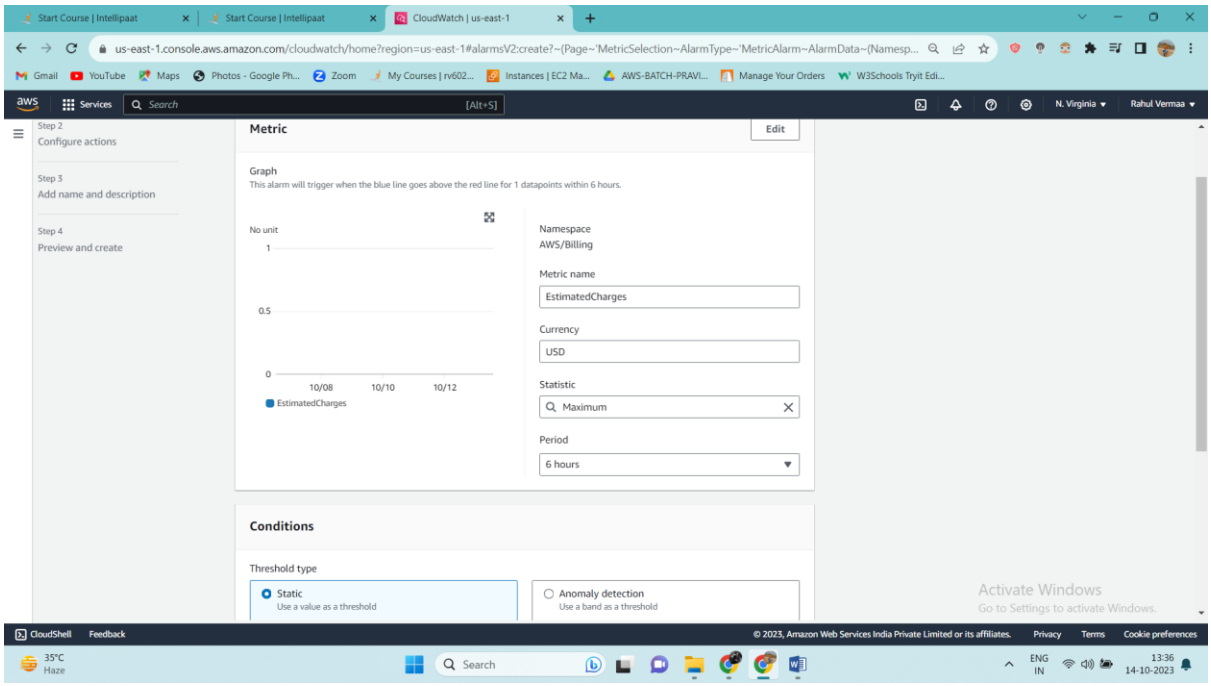
First we will create an alarm



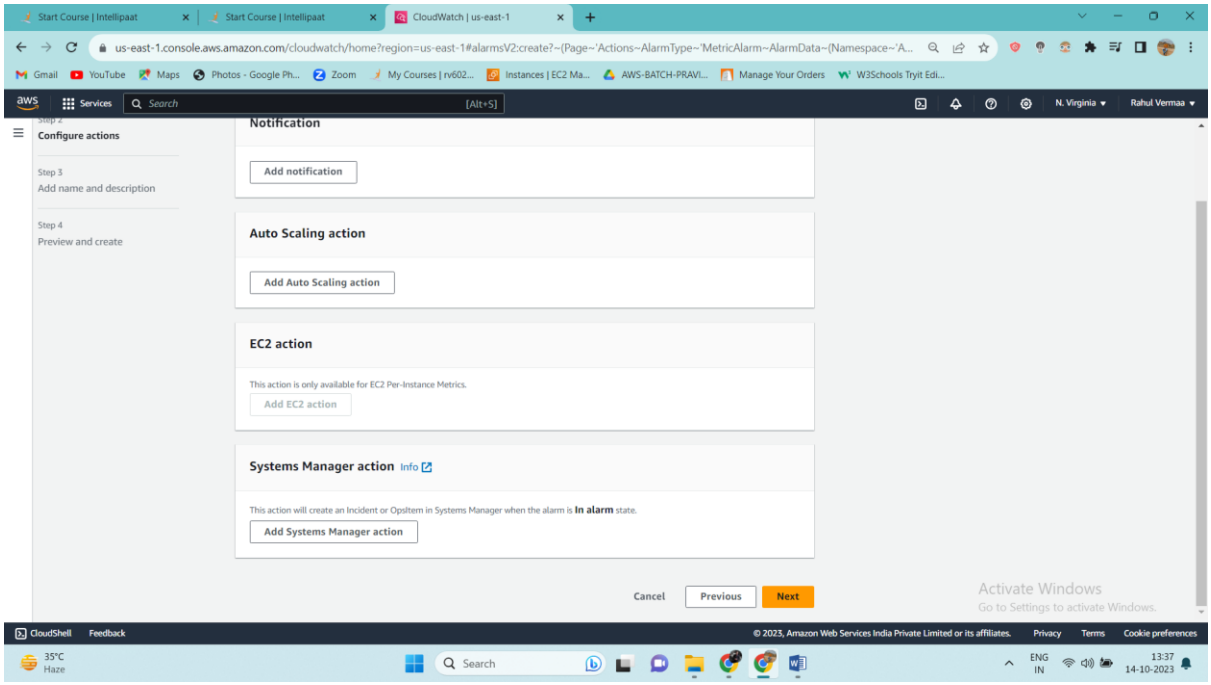
There is no options for billing so we will change the region to N.Virginia



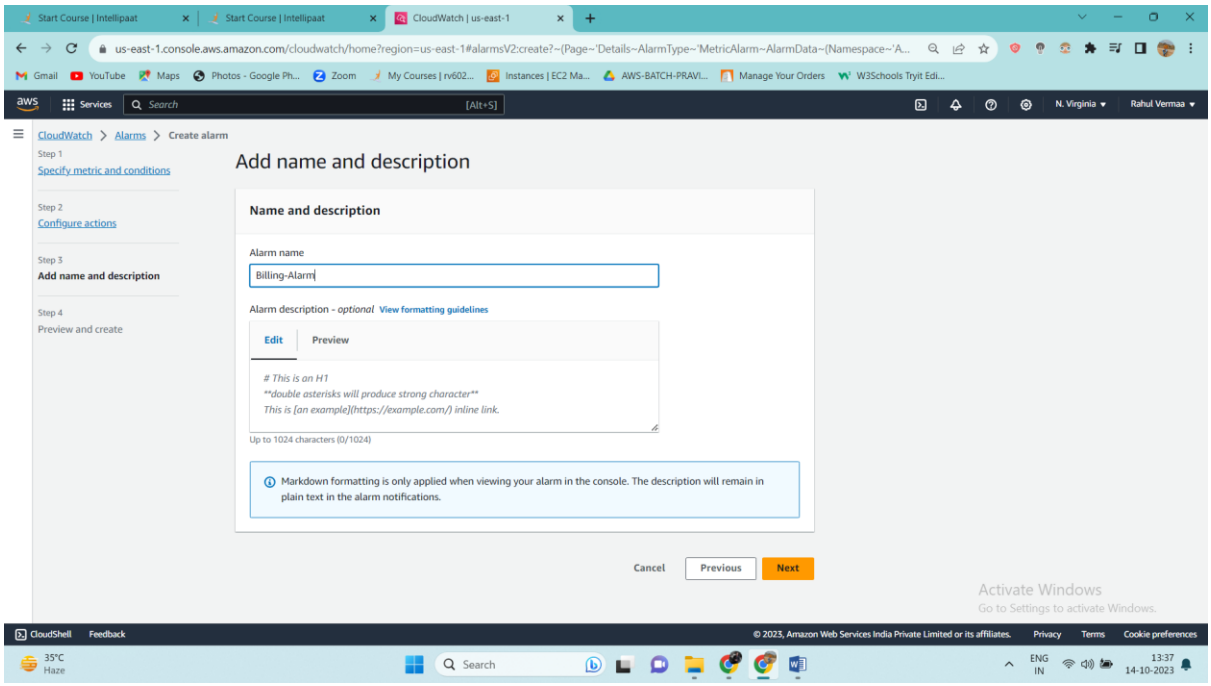
Now let’s create an alarm



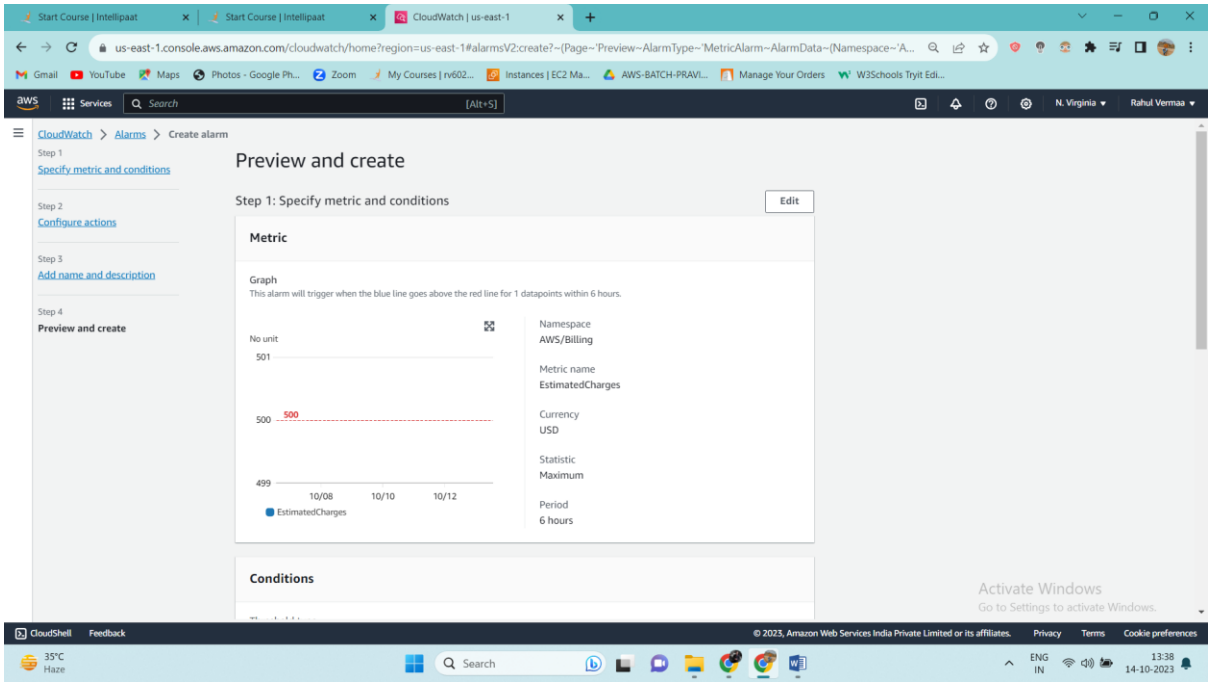
Select desired options and click on Next button



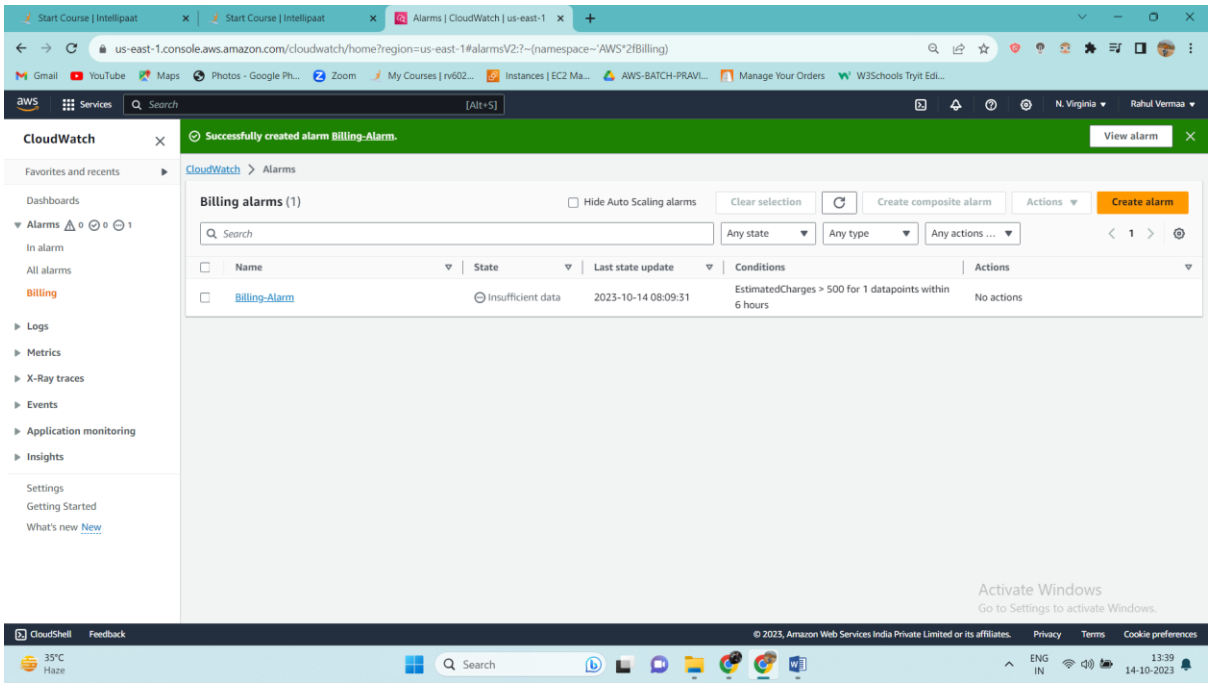
Define Alarm name and click on Next button



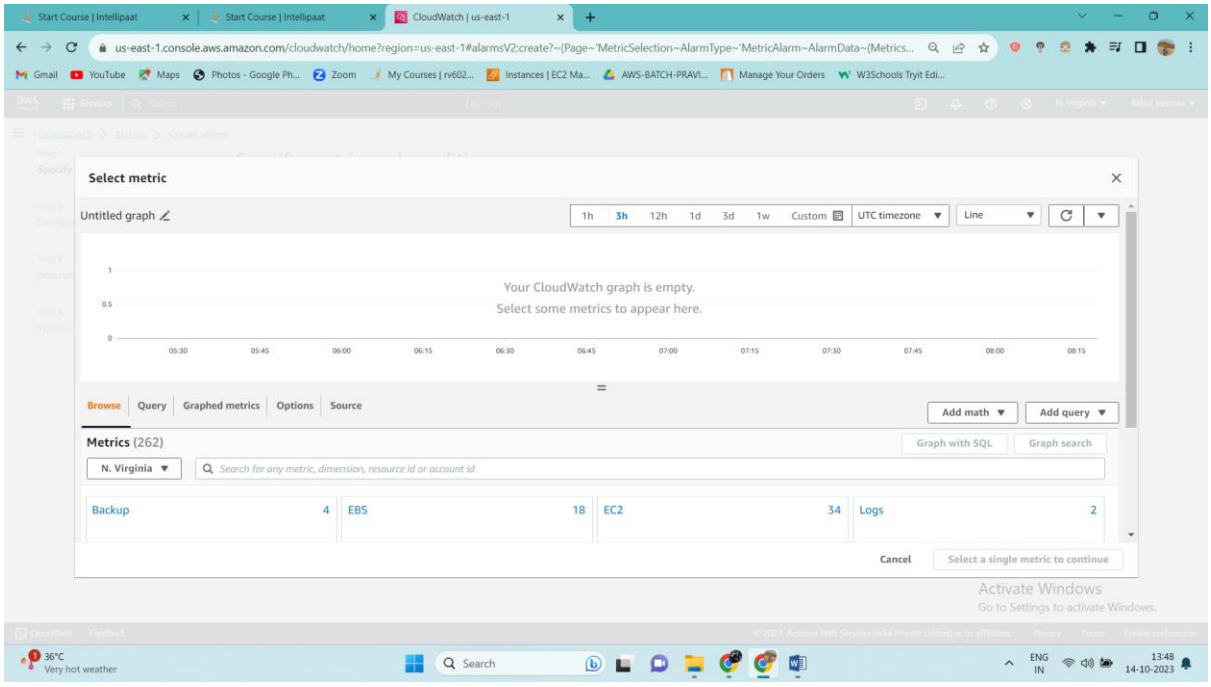
Preview and create your alarm



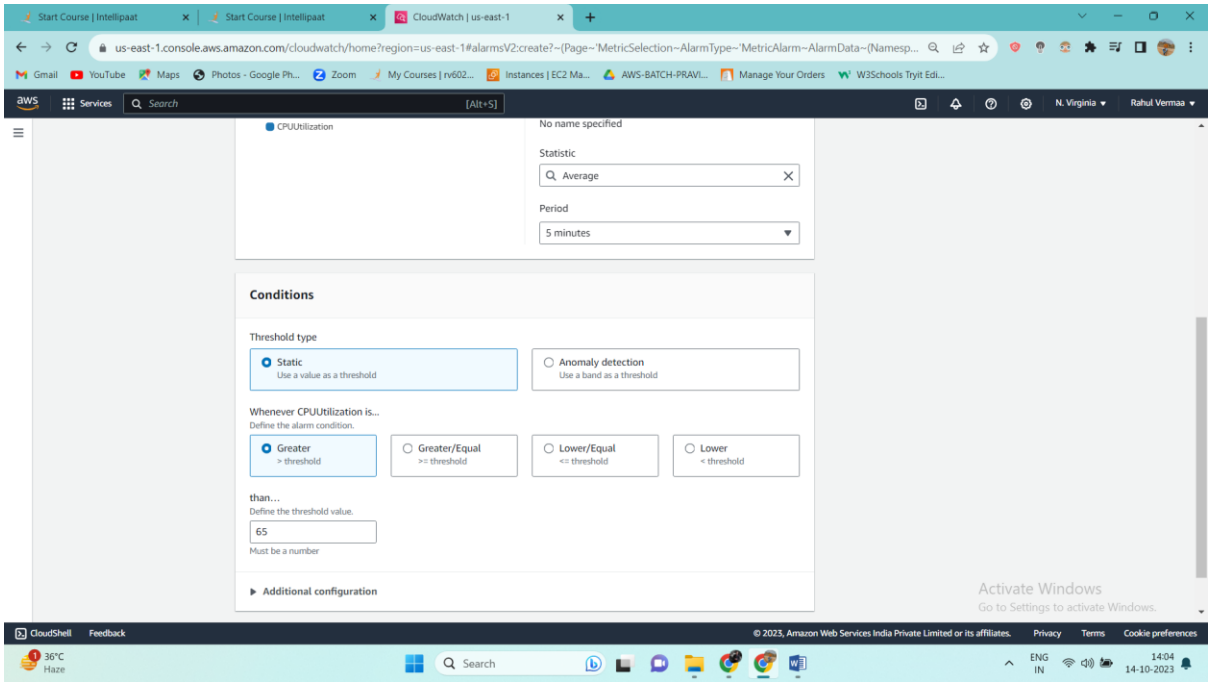
Billing-alarm is created now



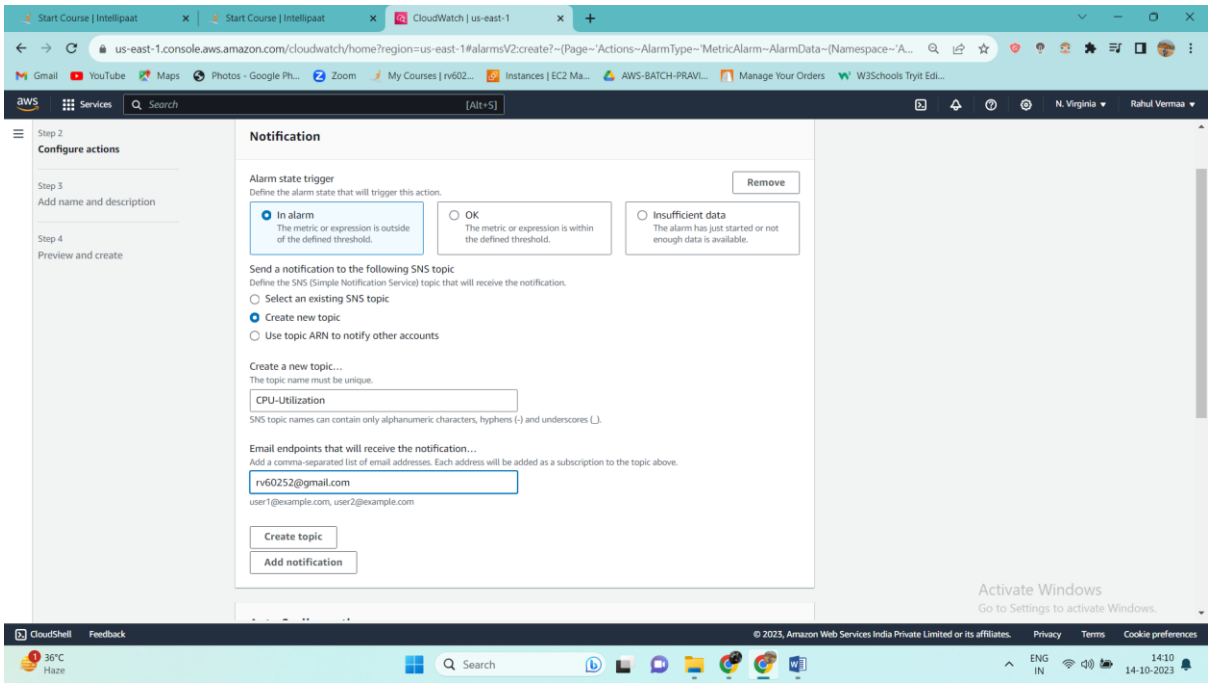
Now let’s create alarm for Ec2



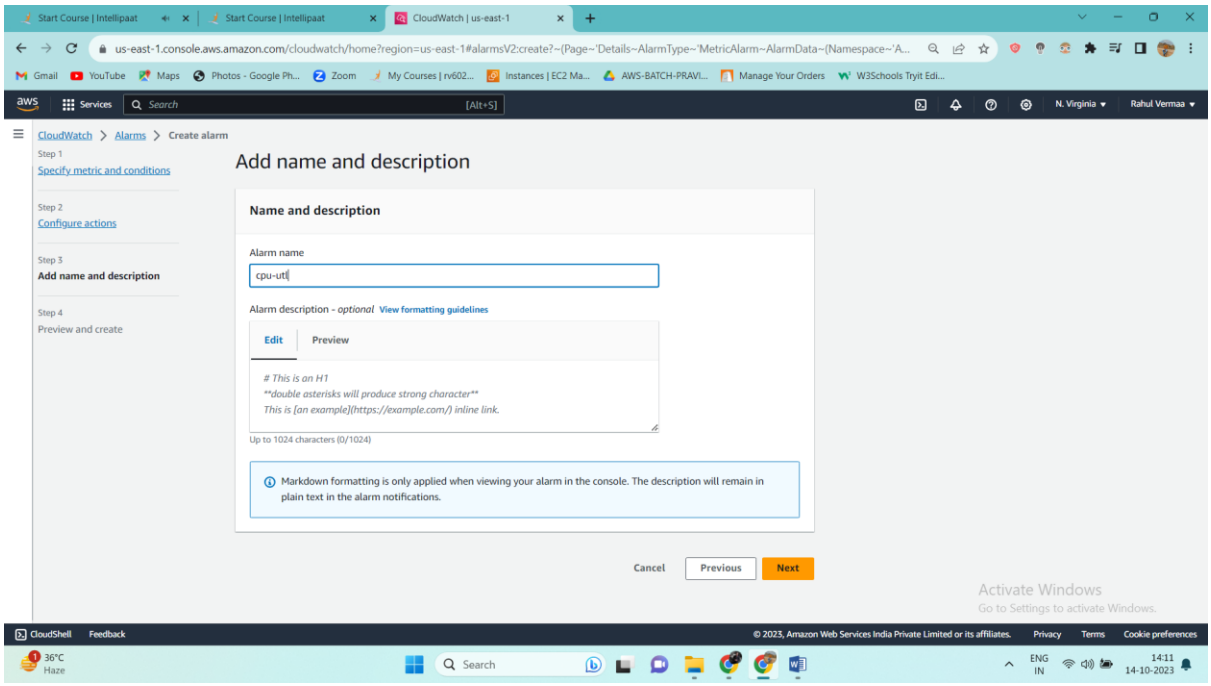
We have selected our ec2 and we we will select cpu utilization and as per our requirement it should go above 65%



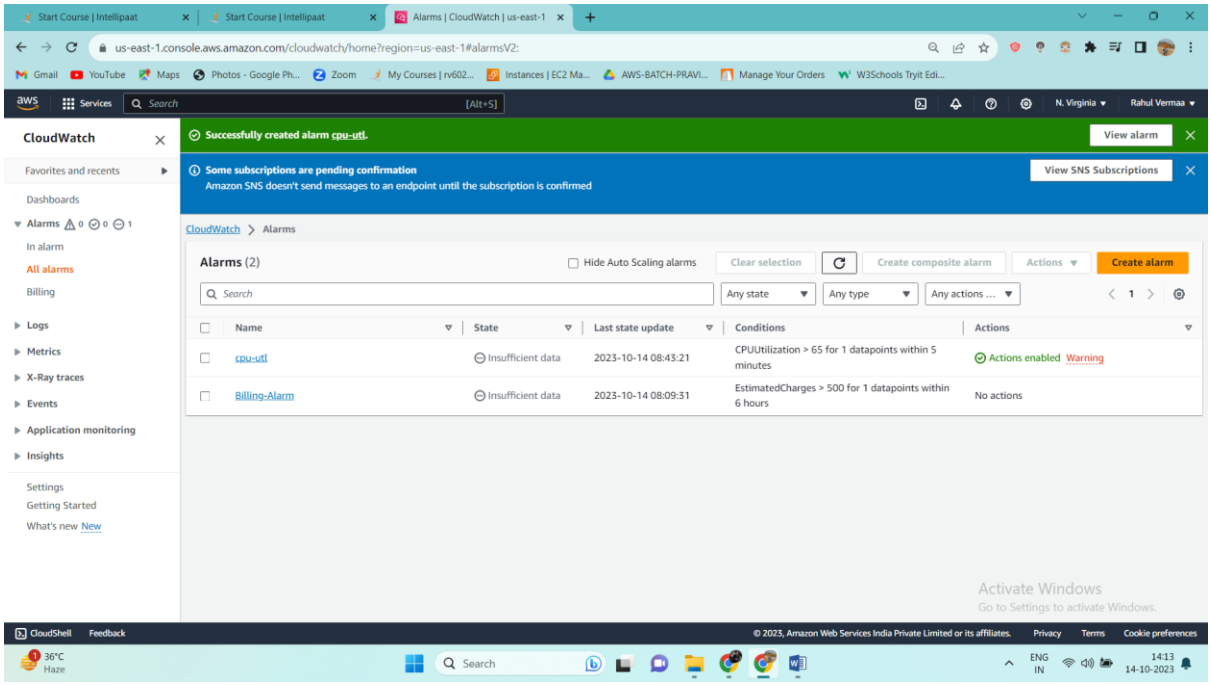
Now we will add one SNS topic



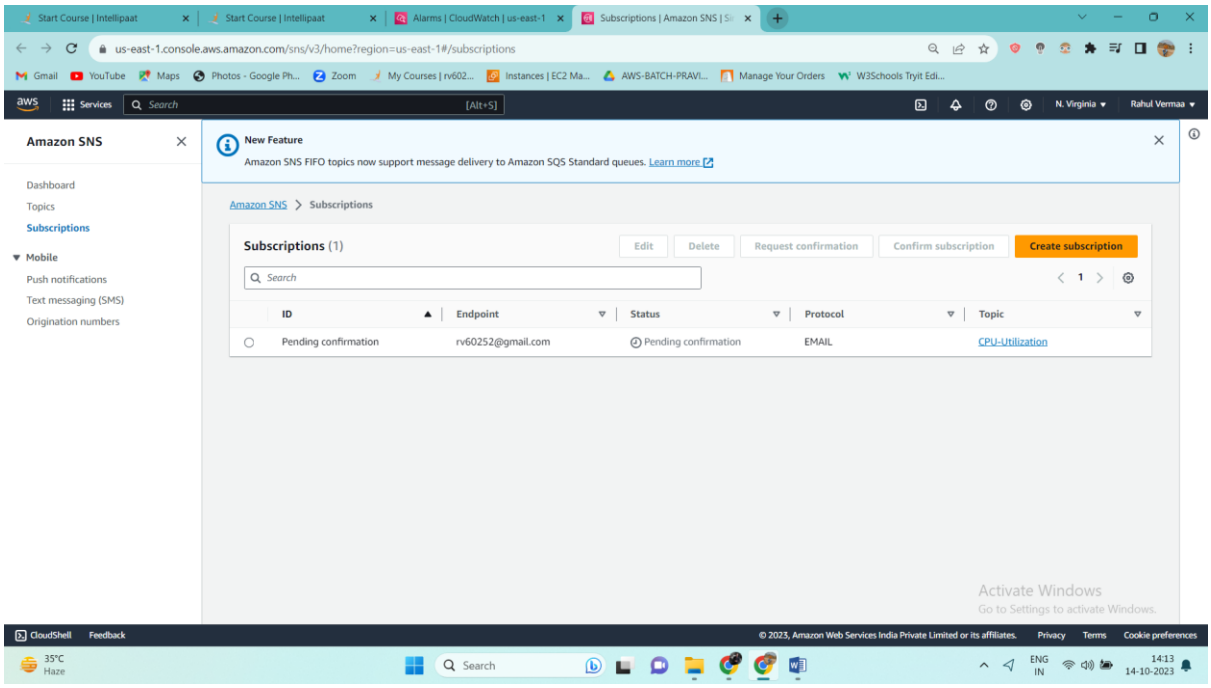
Give an alarm name and click on next button

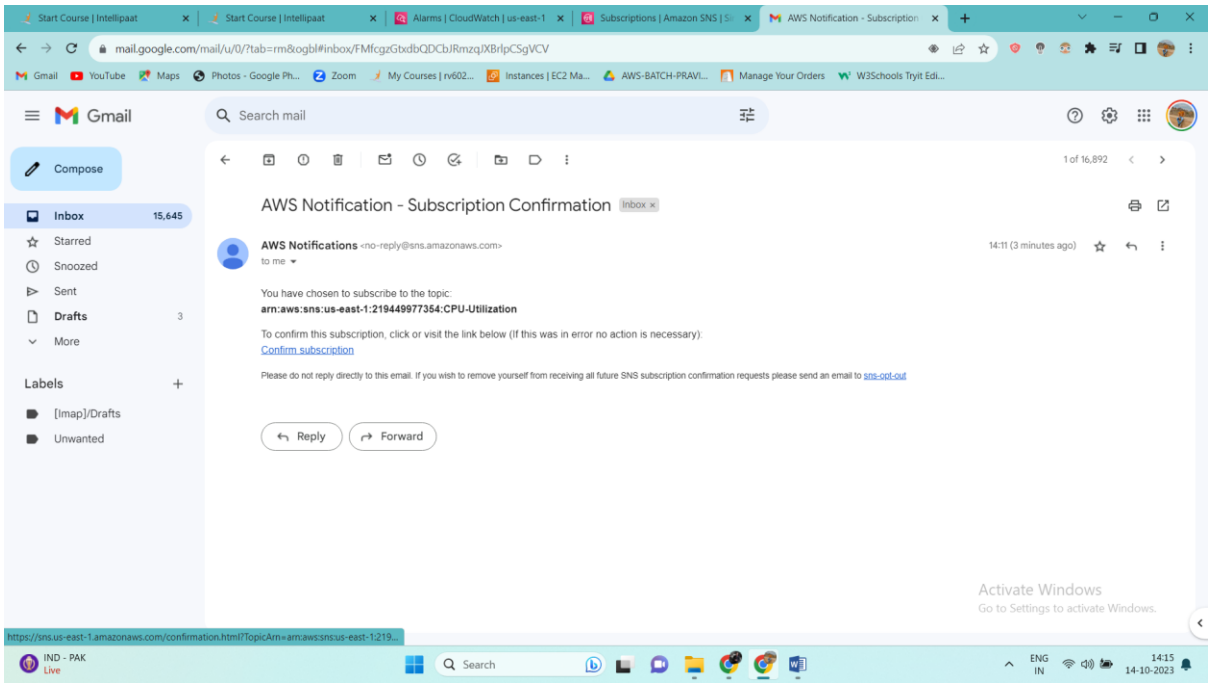


And it’s done

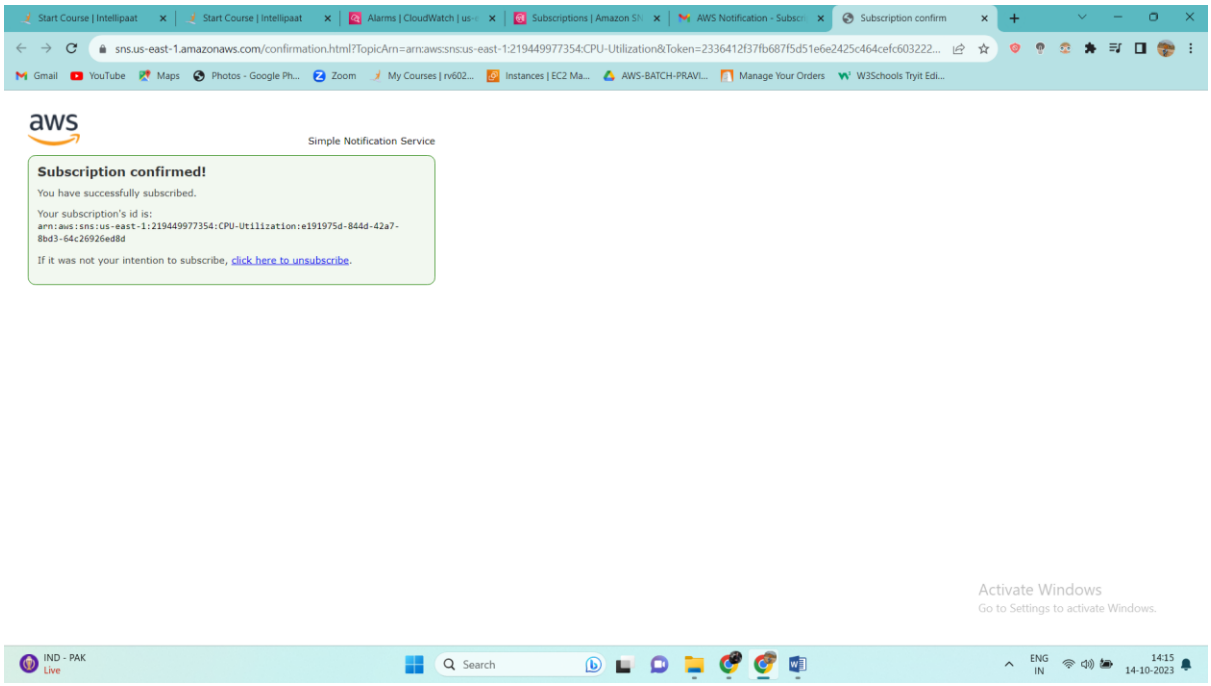


SNS subscription is pending so we have to confirm it from our gmail account





And its’ done



And in AWS also it’s status is showing confirmed