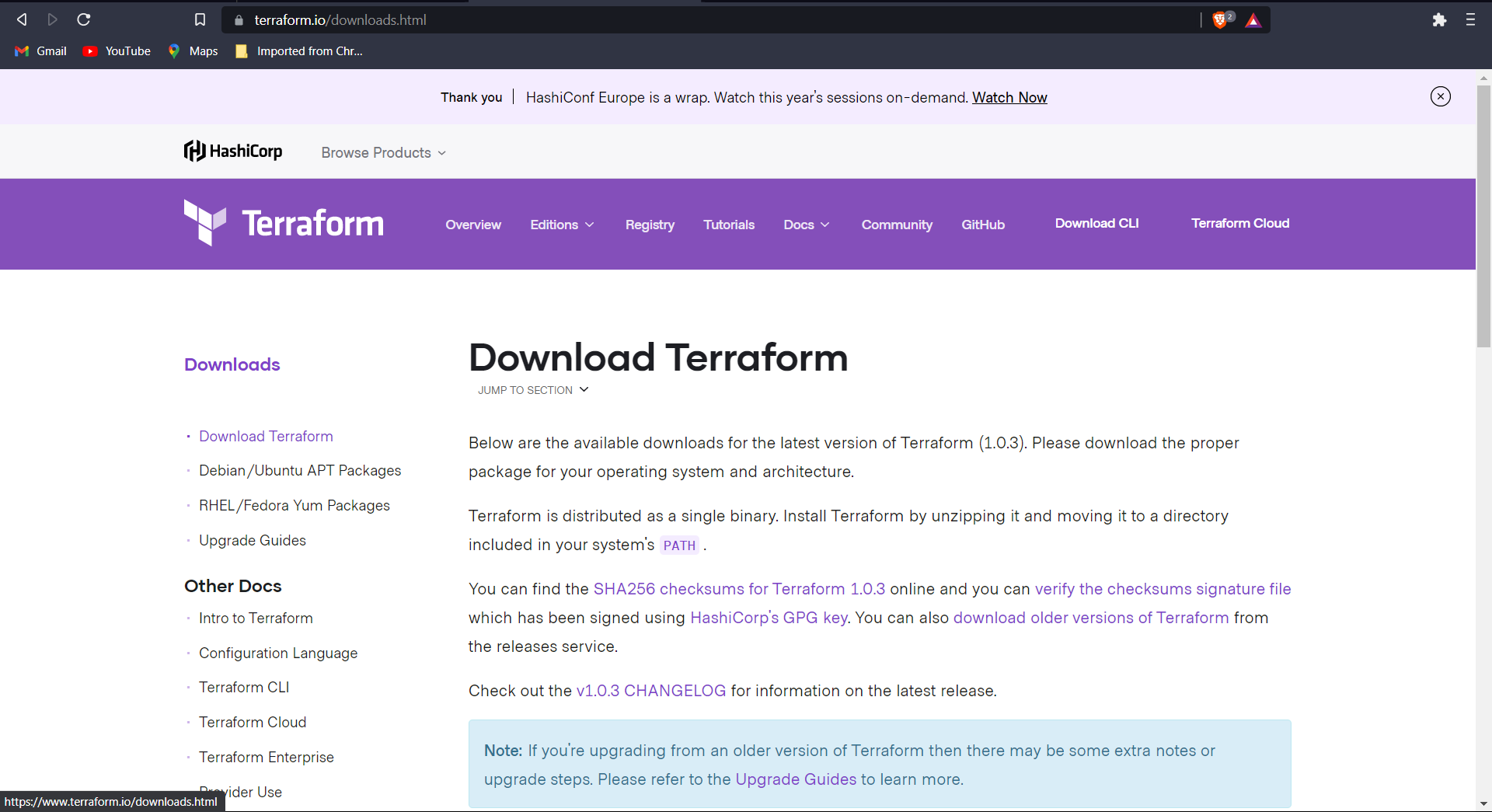
**Assignment 5: Terraform installation**

Terraform is an infrastructure as code (IaC) tool that allows you to build, change, and version infrastructure safely and efficiently.

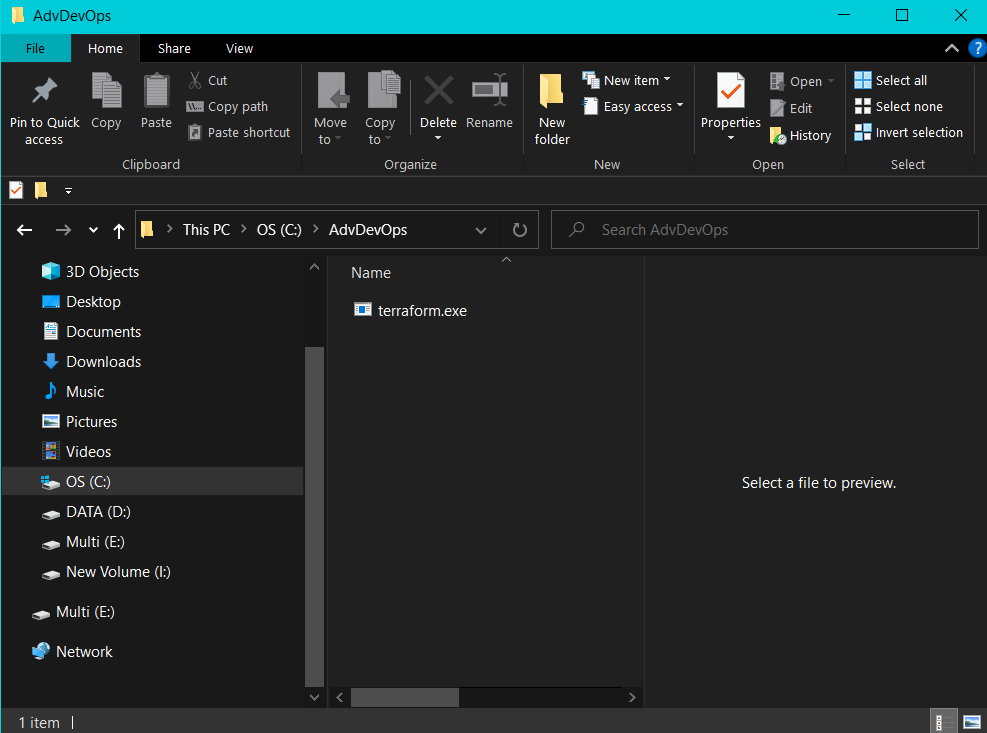
**STEPS For Installation-**

Google Search – Terraform DOWNLOAD



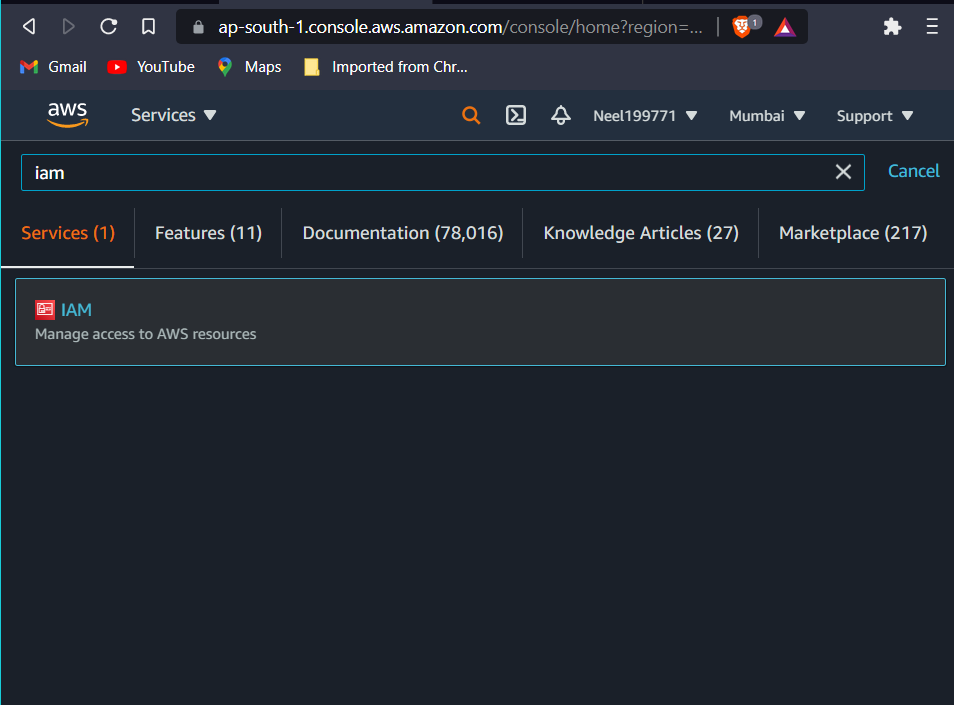
Create a Folder in Your C drive Named AdvDevops

Then Extract The downloaded file in The C drive Folder Named AdvDevops Shown Below

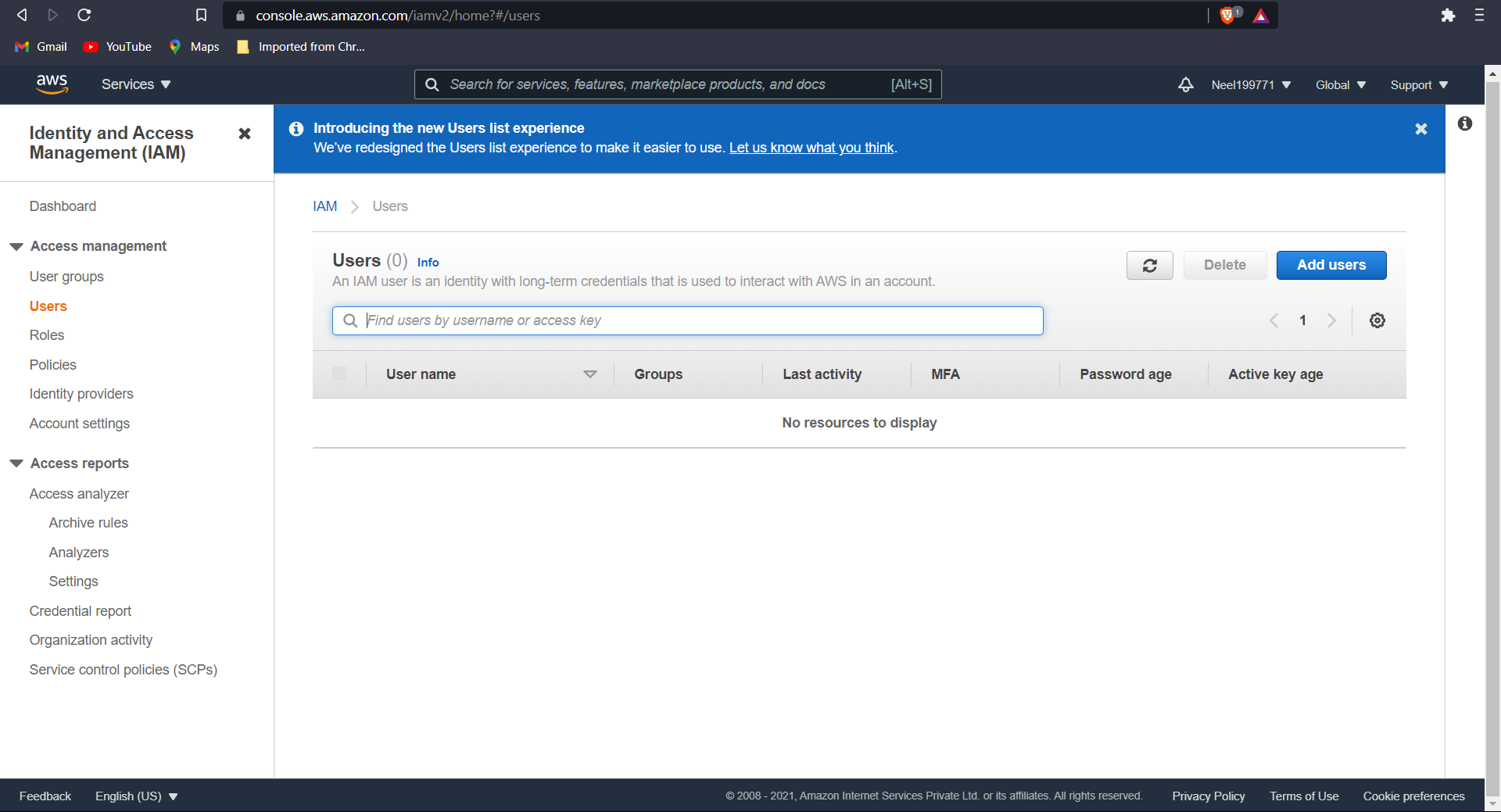


Till the time ,Open And Login to your AWS console-

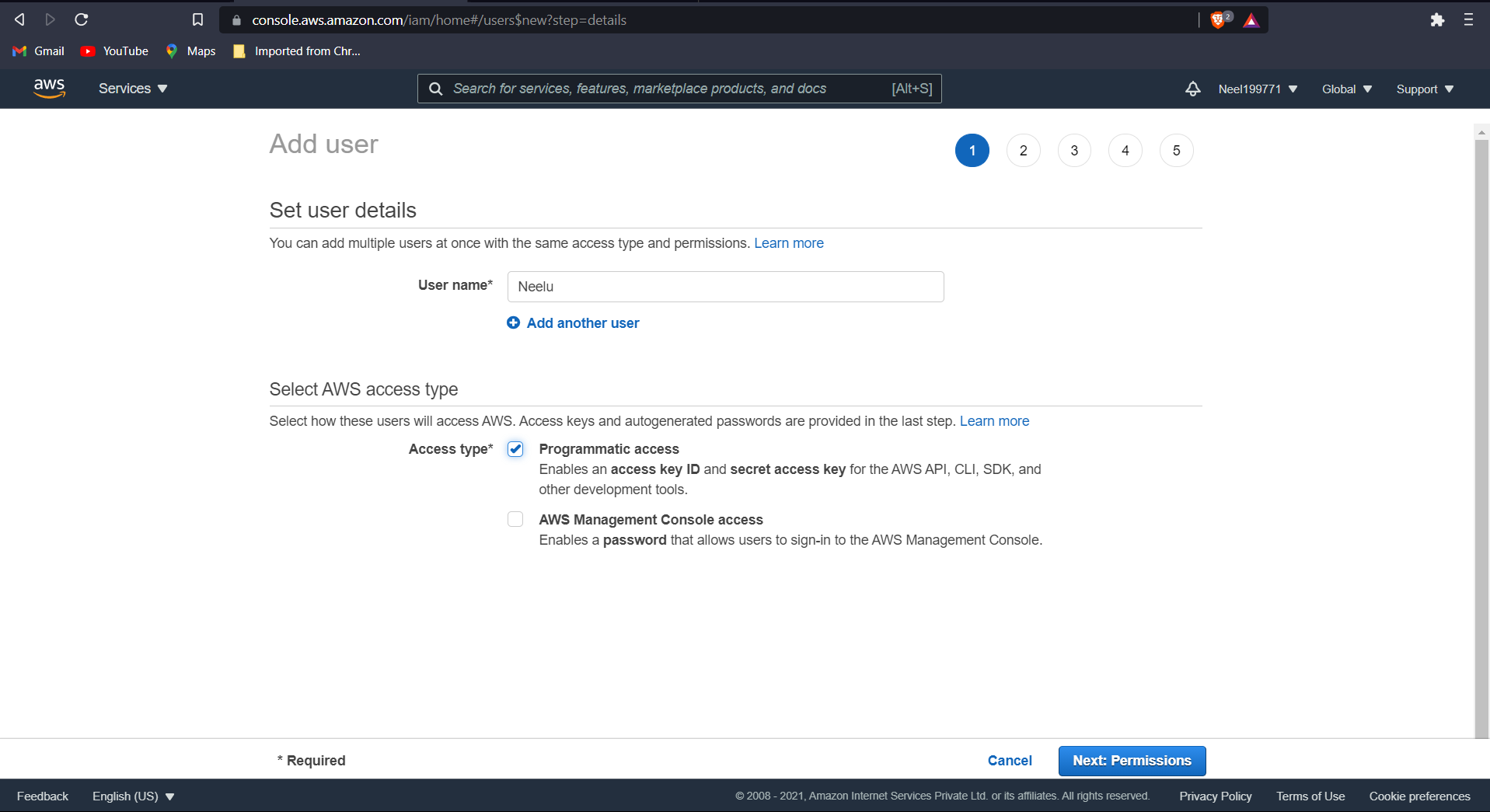
And search IAM and click on it



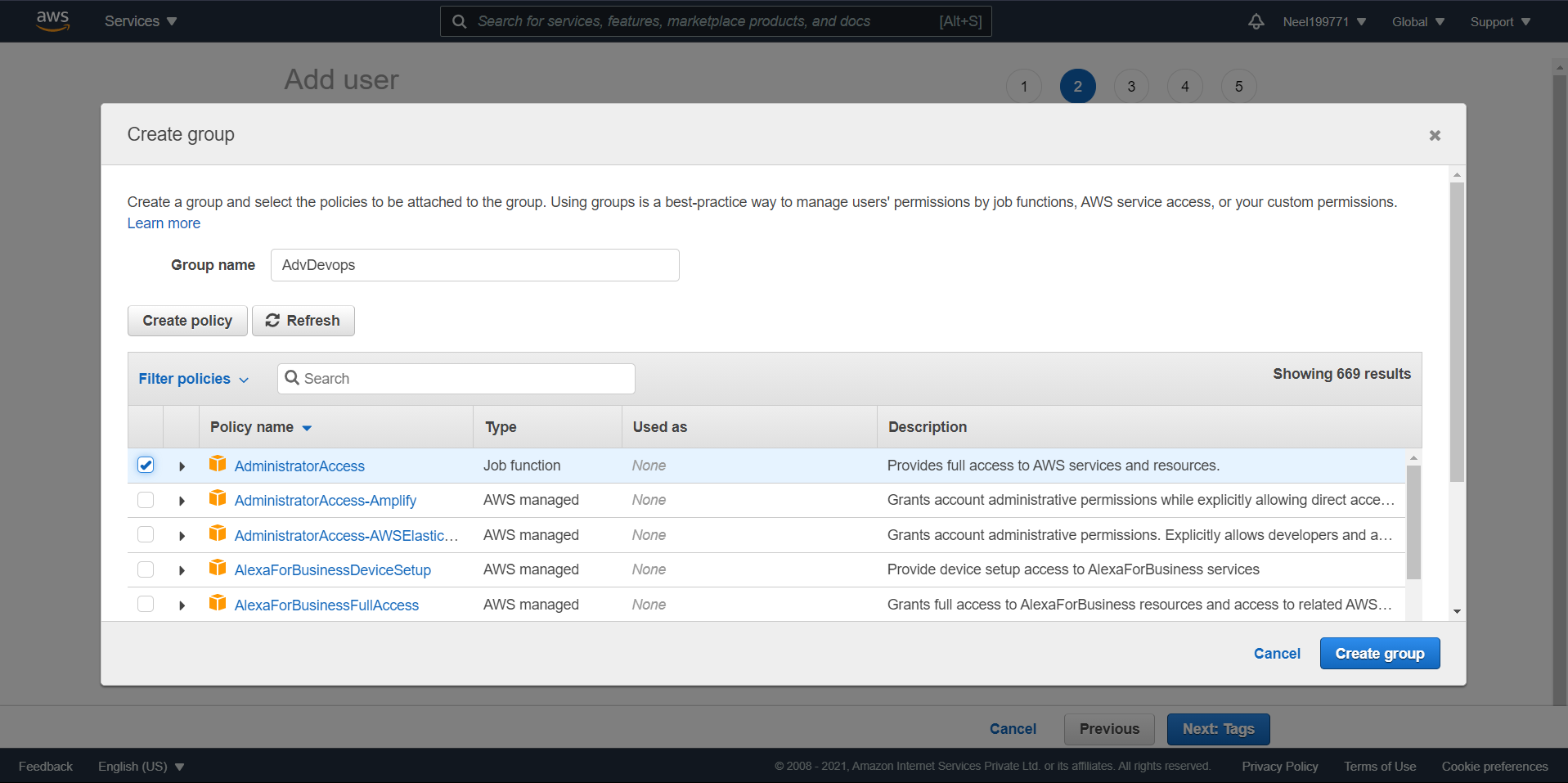
Now click on Add Users in The User Section as shown in the image



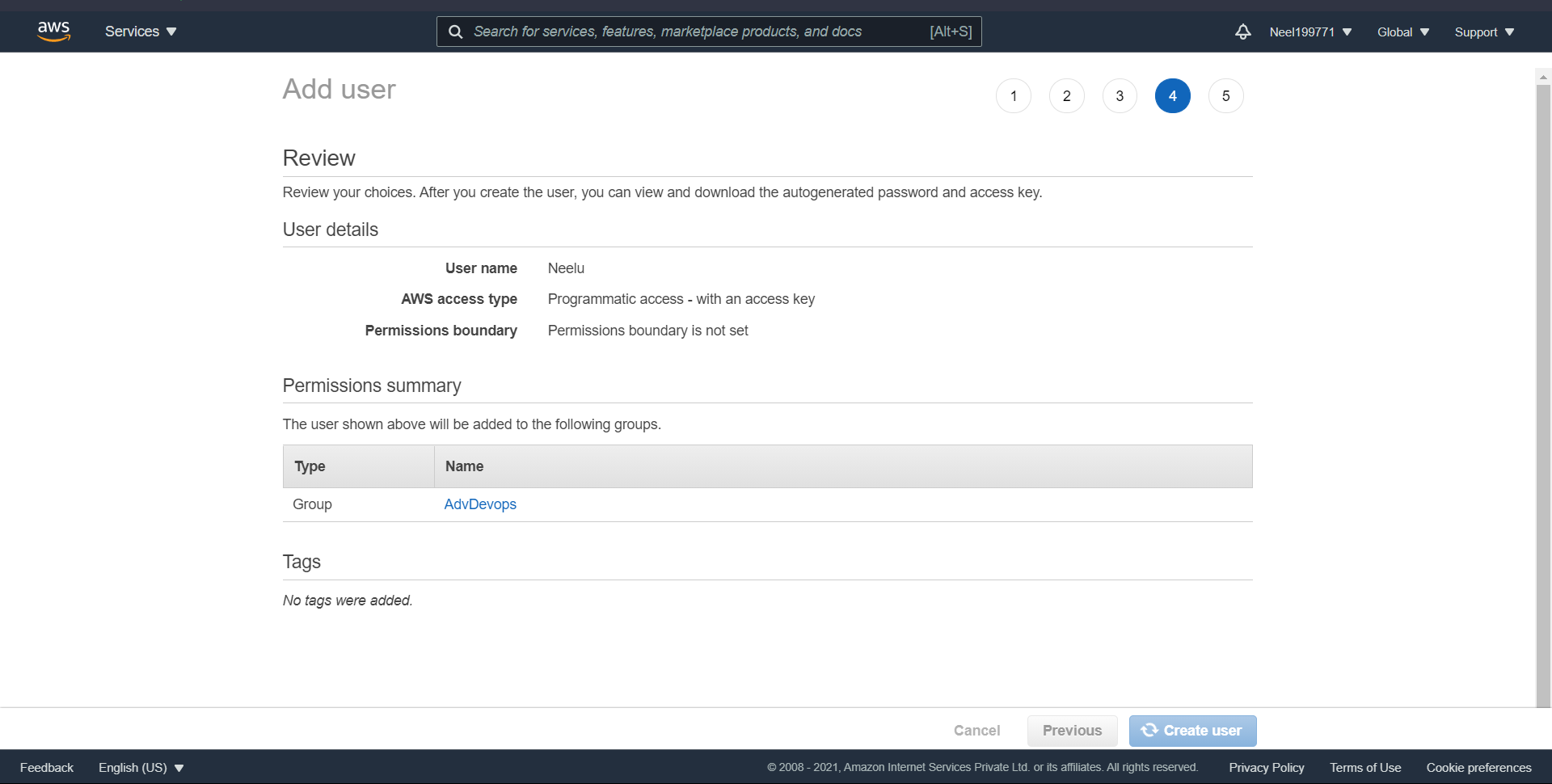
Now give any name For username And Check The Programmatic Access field shown below



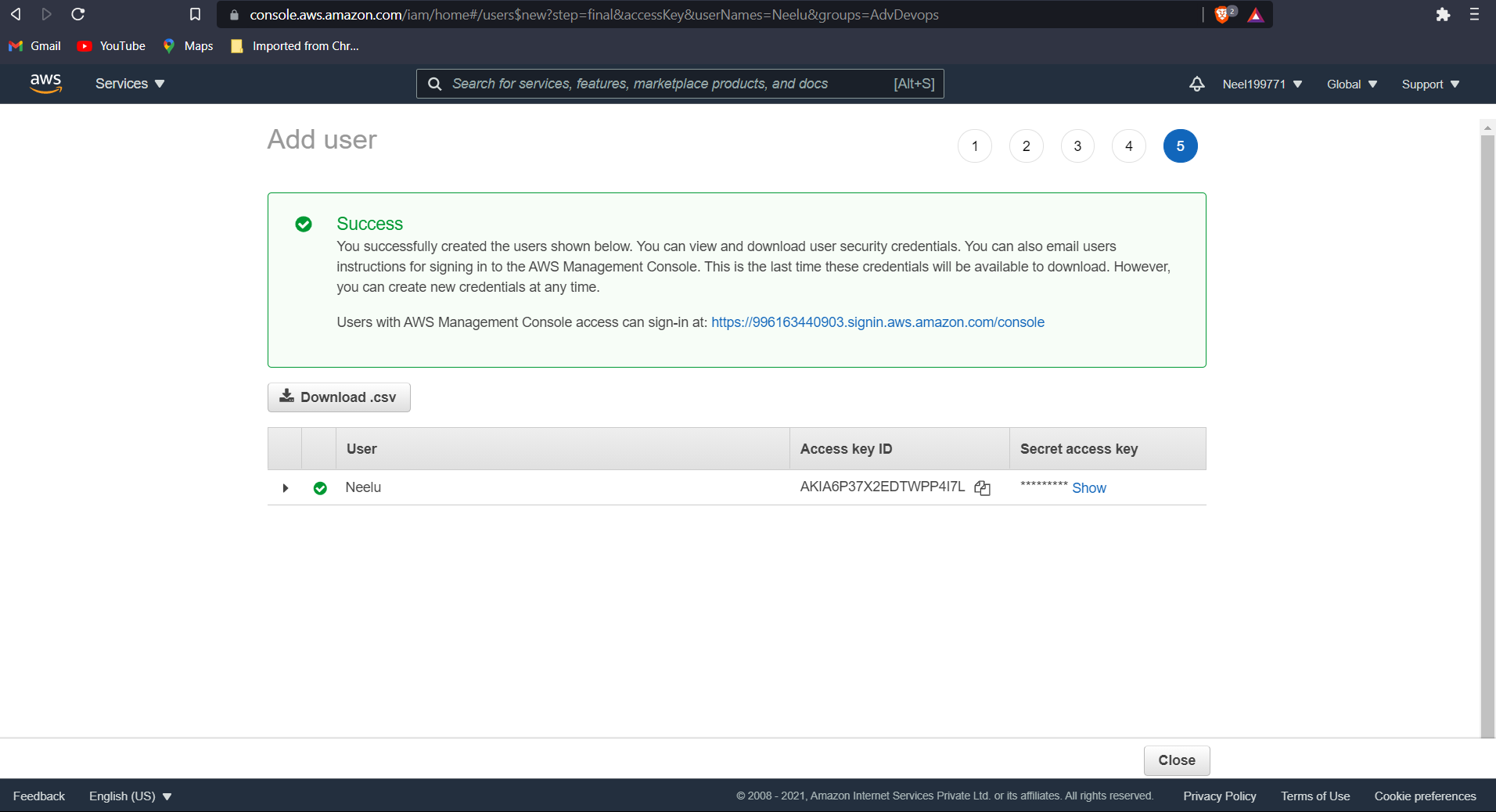
Add Group name and Check the first Policy Name



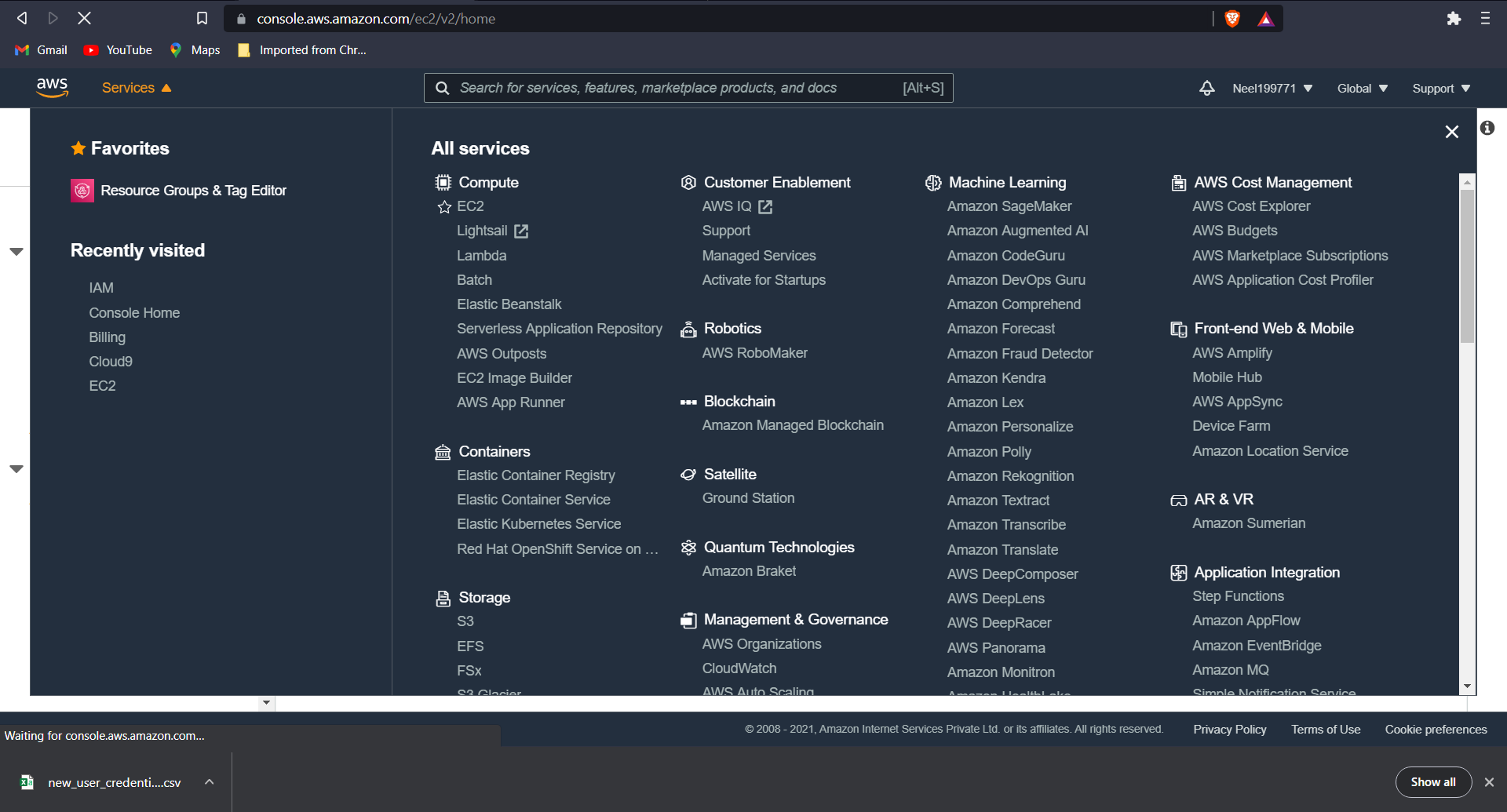
Don’t add tags



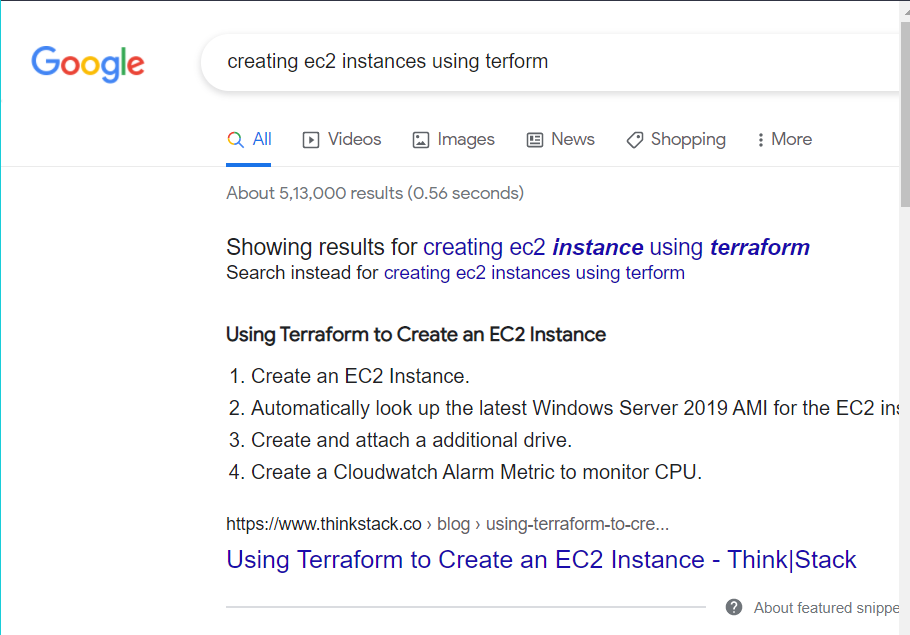
Now Download .csv file



Go to services and Ec2



Again google search the following terms



Created a folder Name Terraform Scripts in the C drive where the AdvDevops folder was created



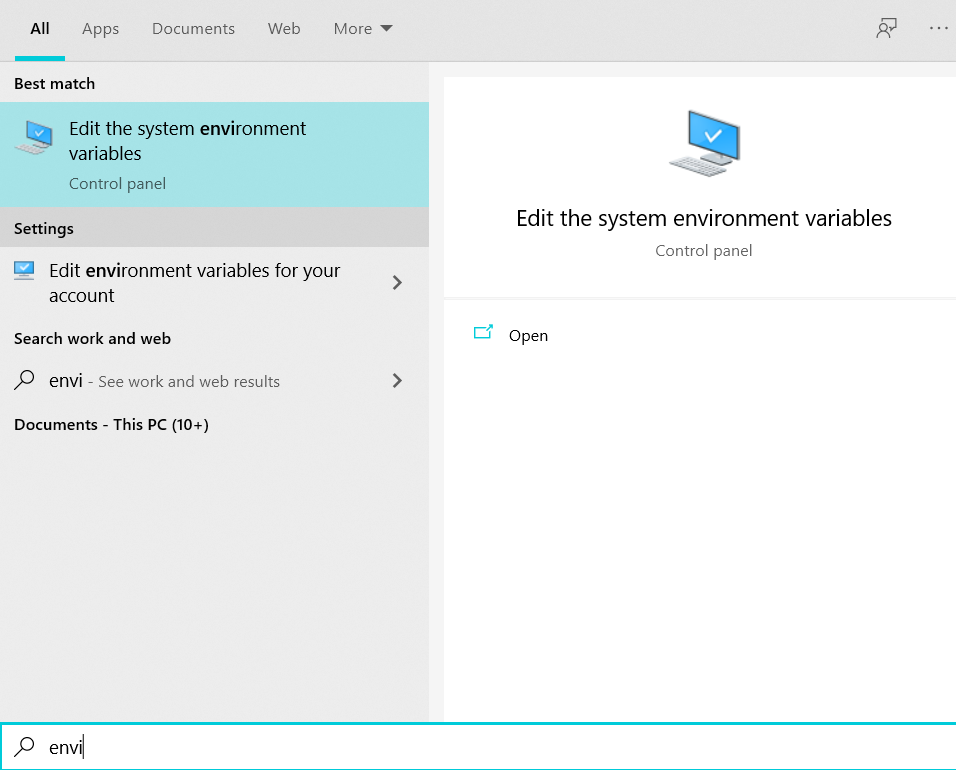
Now Go to note pad And Type the below Details properly But before It Just Change the ACCESS KEY AND SECRECT KEY TO THE ONE IN YOUR .csv File .

Set region same as below if you want MUMBAI as your region.



Now search EDIT THE SYSTEM ENVIRONMENT VARIABLES in your windows search.

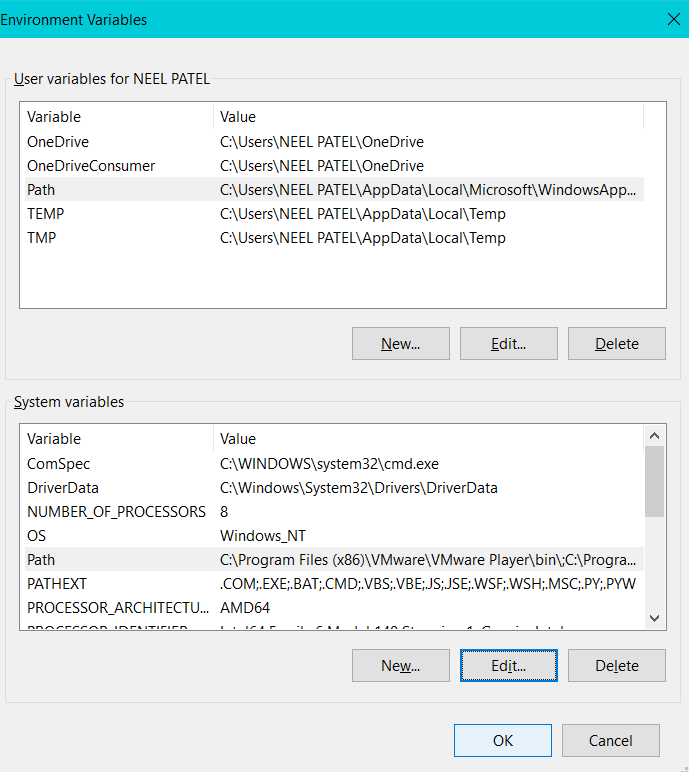
Open it



Now click on PATH OF USER VARIBLES, then click on Edit option

Now go to edit and then add new path C:\AdvDevOps

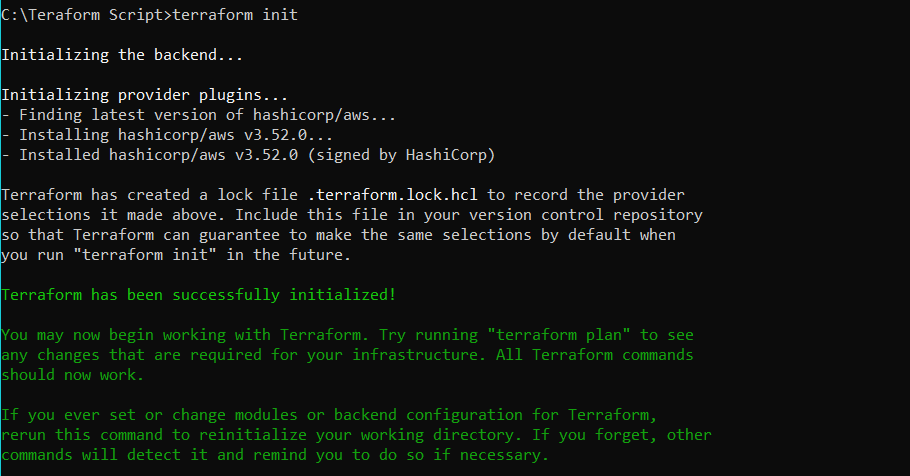
Repeat same procedure for system variables.



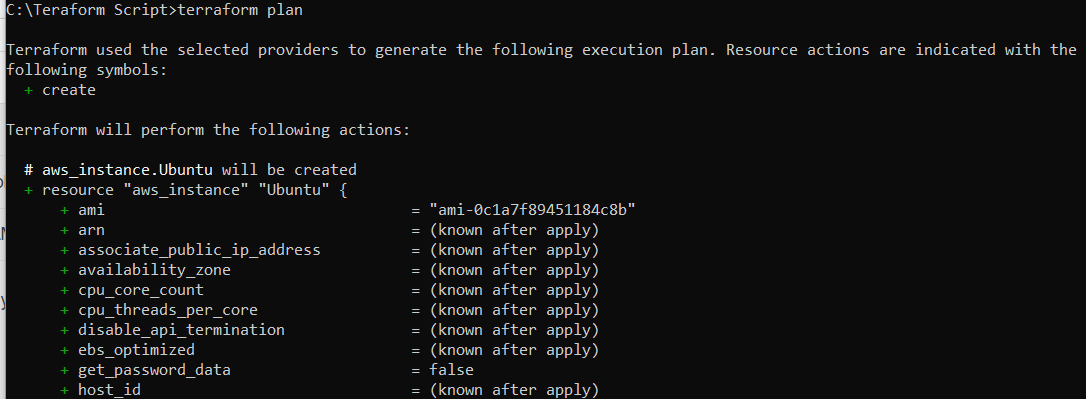
Now Open Command Prompt and then pate the path of Terraform script

Eg. CD C:\Terraform Script as shown below

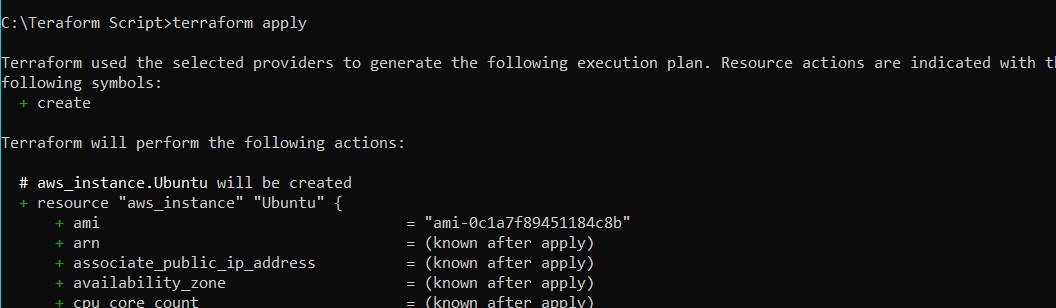
Now type Terraform Init command

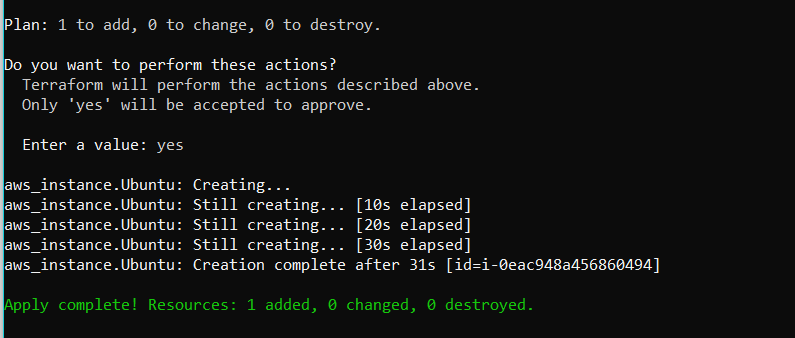


Then if there are no errors type Terraform Plan as shown below (type YES when command prompt ask)



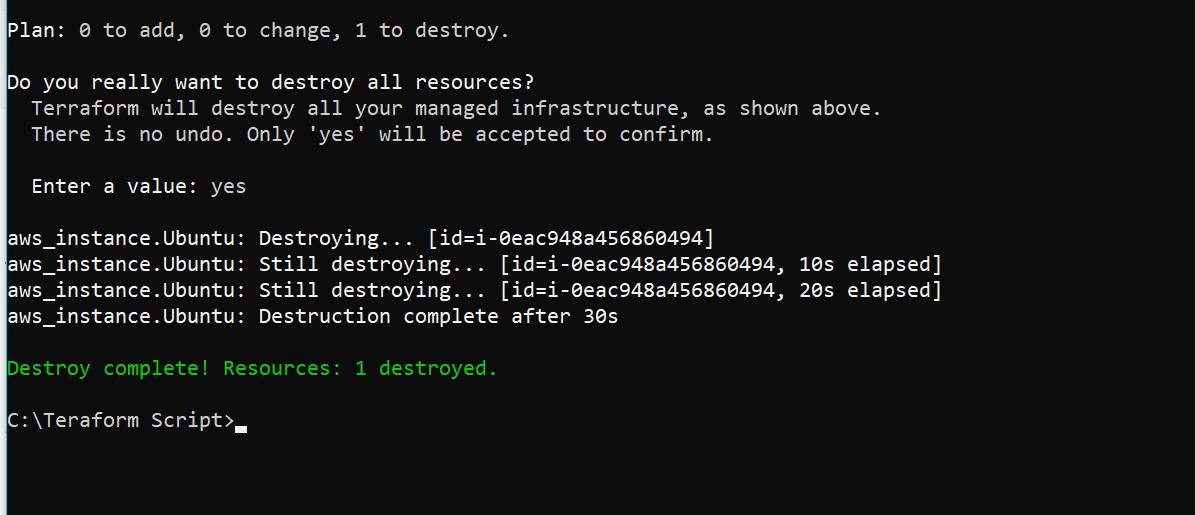
Now Finally Type Terraform Apply





Now go to EC2 and check that is an instance created by the name of UBUNTU and is it in running status or not If it is in Running Status then Come back to Command prompt And Terminate the Instance by

Typing - Terraform destroy



Now go back to EC2 if the instance is terminated, if yes then logout of the Aws Console.

And close the command prompt!