CAP 376

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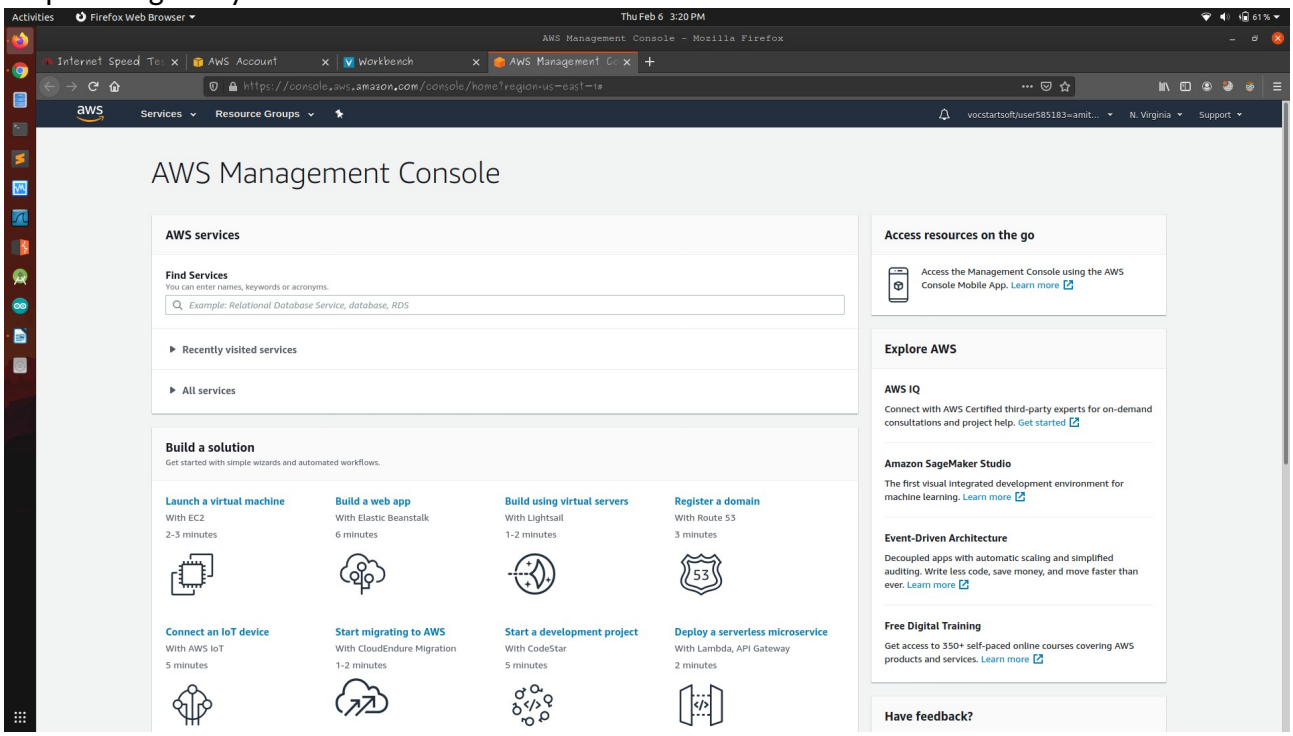
Reg No :- 11808330
Roll no : - A 18

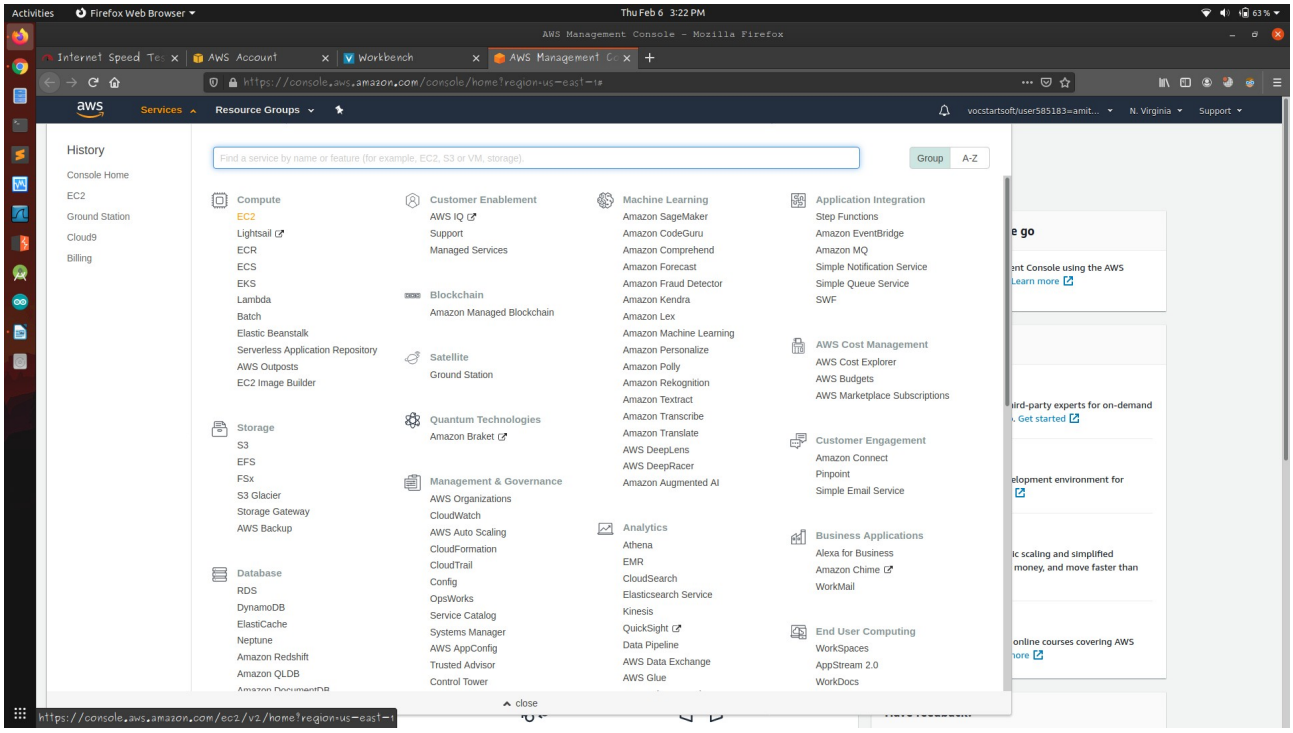
Set B
1. Create a EC2 instance running Linux AMI on AWS EC2 console and connect to it using SSH Client? 10 marks
2. Illustrate the creation of AWS developer environment & make use of it? 10 marks
3. Create a EC2 instance running Linux AMI on AWS EC2 console and connect to it using command prompt? 5 marks

Question 1

Step 1 :- Login to your aws console



Step 2 :- Hear choose launch a virtual machine or in services choose ec2 option



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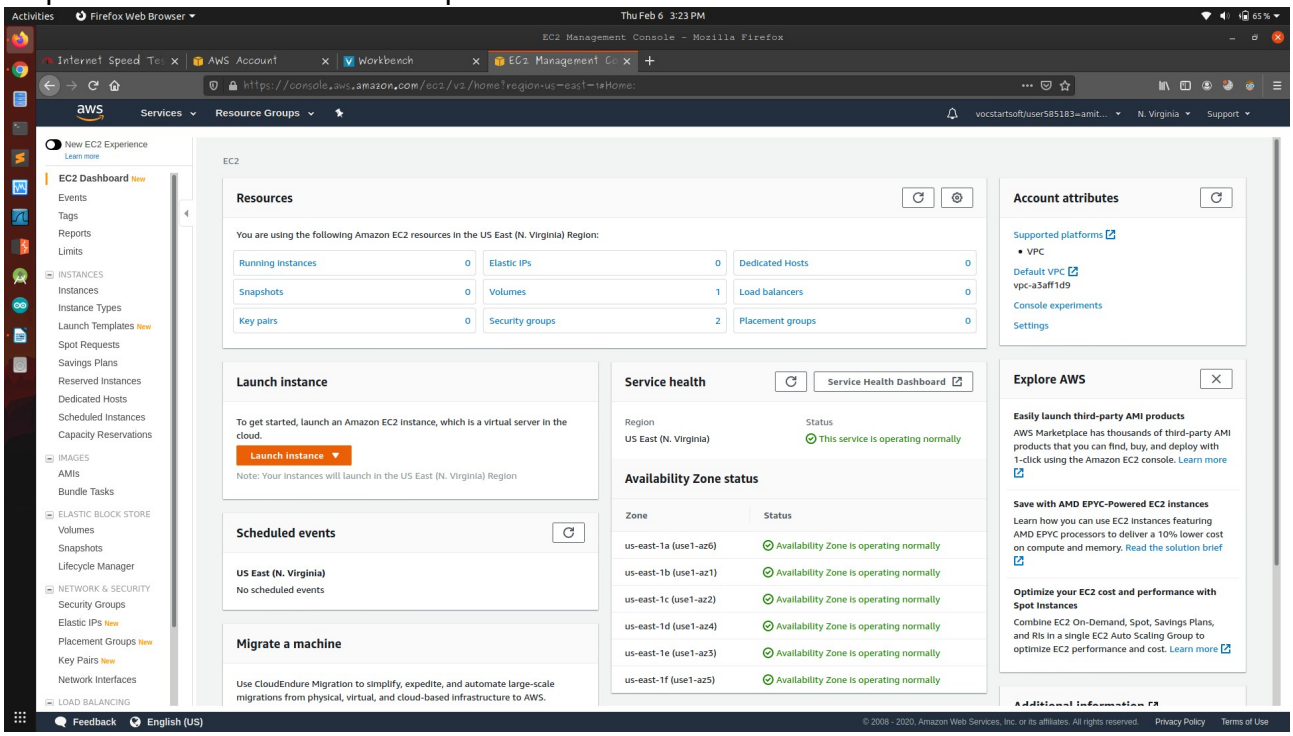
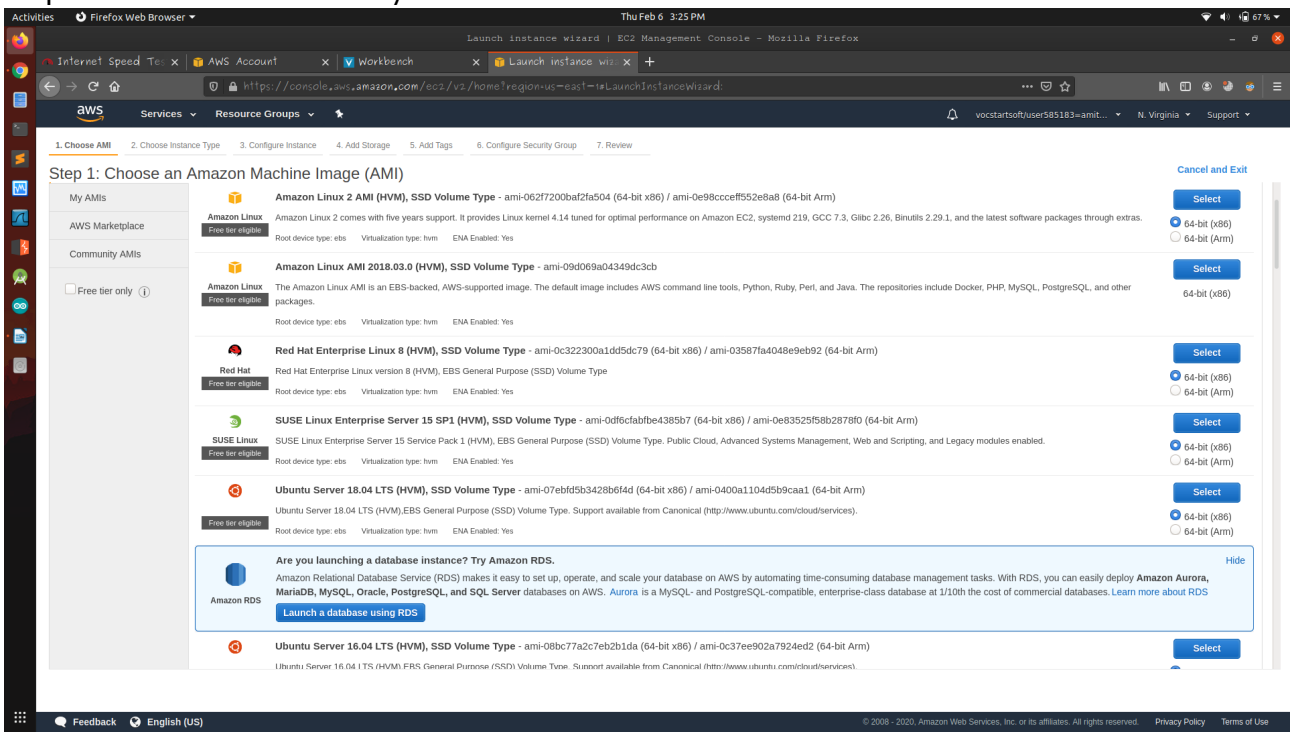
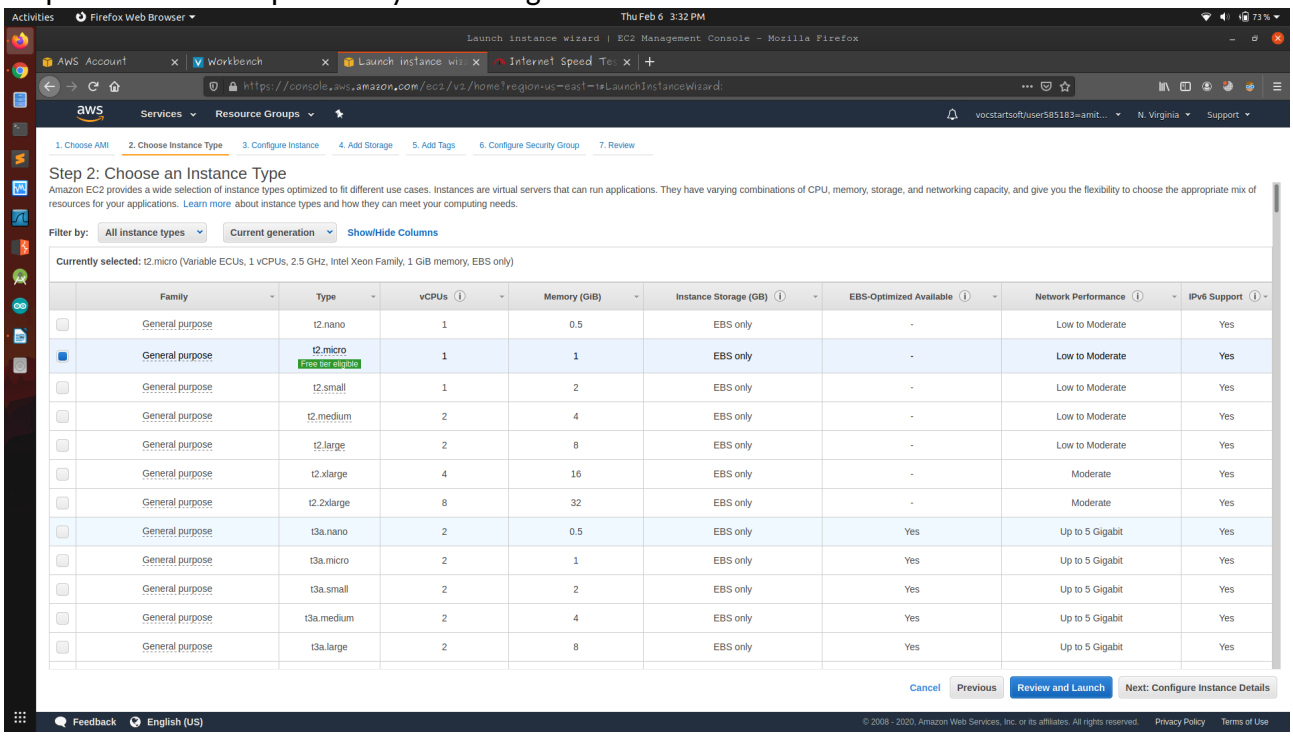
Step 3 : Choose Launch Instance option



Step 4 :- Choose the machine you want to launch

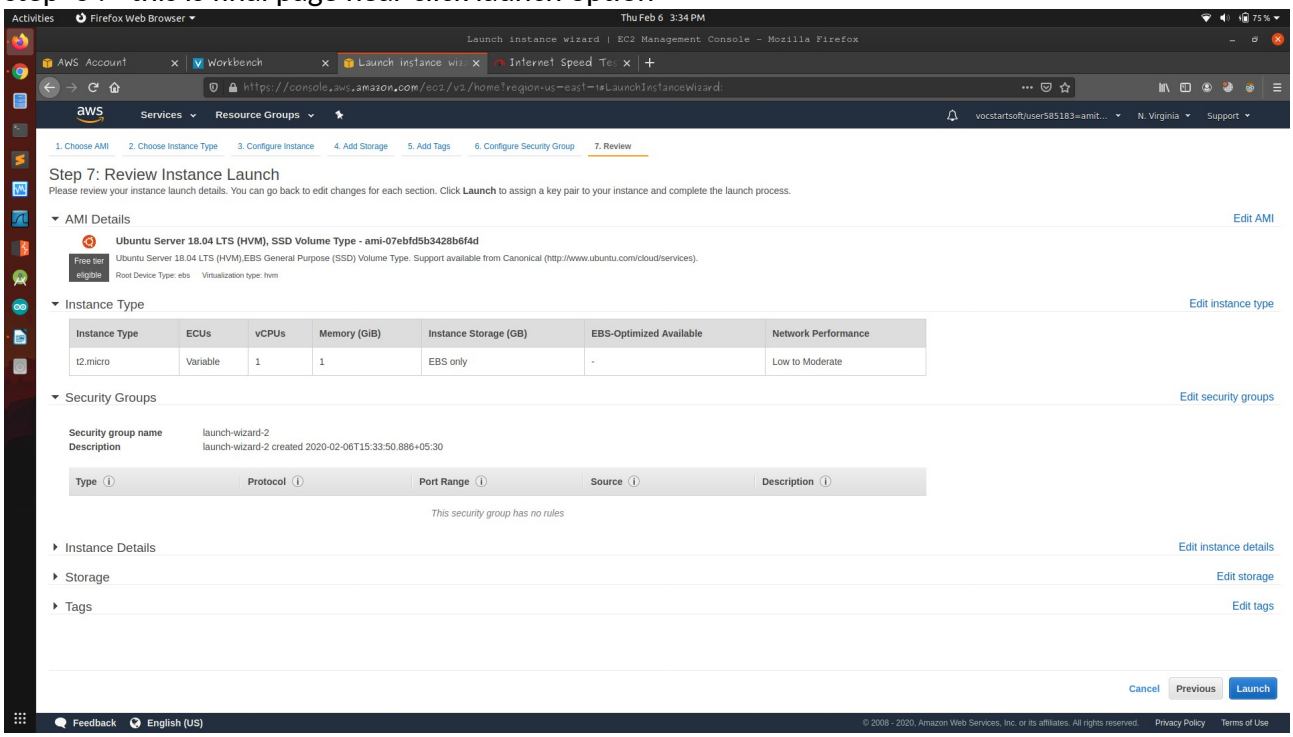


Step 5 :- Select the option for you are eligible for and click review and launch

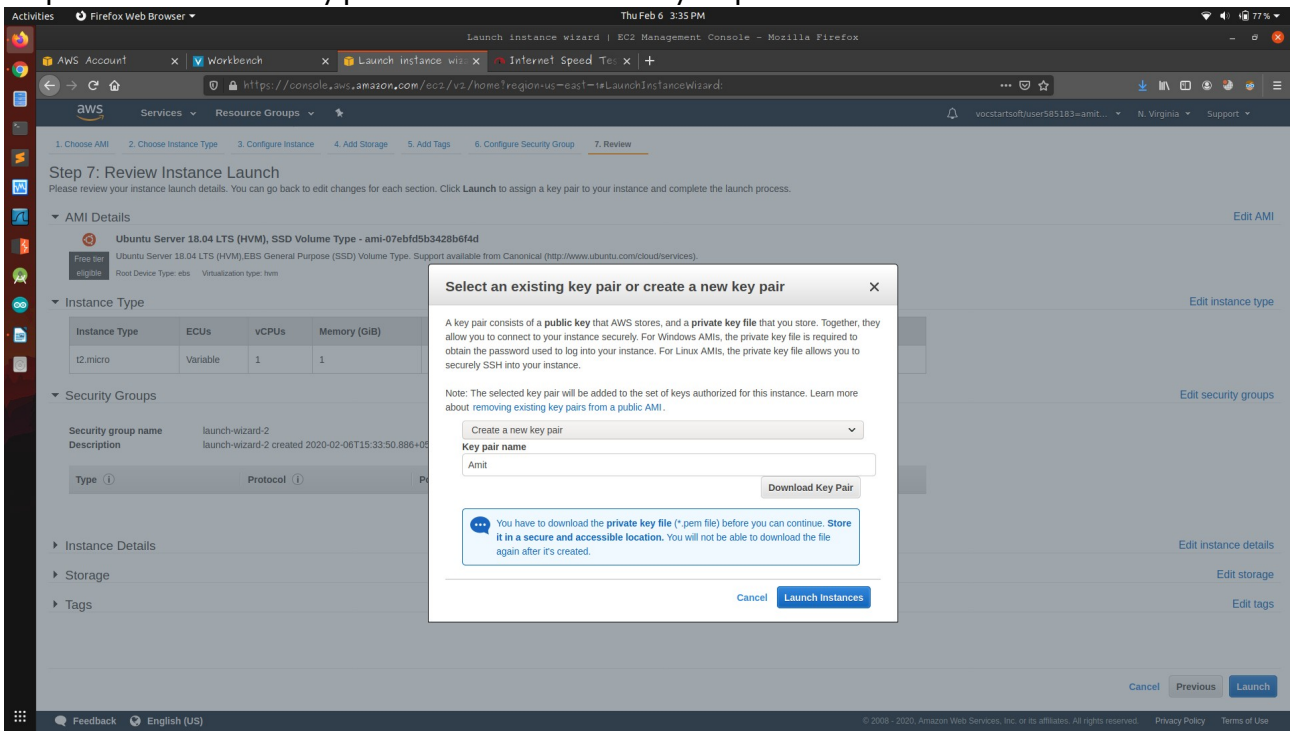


Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
General purpose	t2.micro (Free tier eligible)	1	1	EBS only	-	Low to Moderate	Yes
General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
General purpose	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
General purpose	t3a.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
General purpose	t3a.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
General purpose	t3a.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes

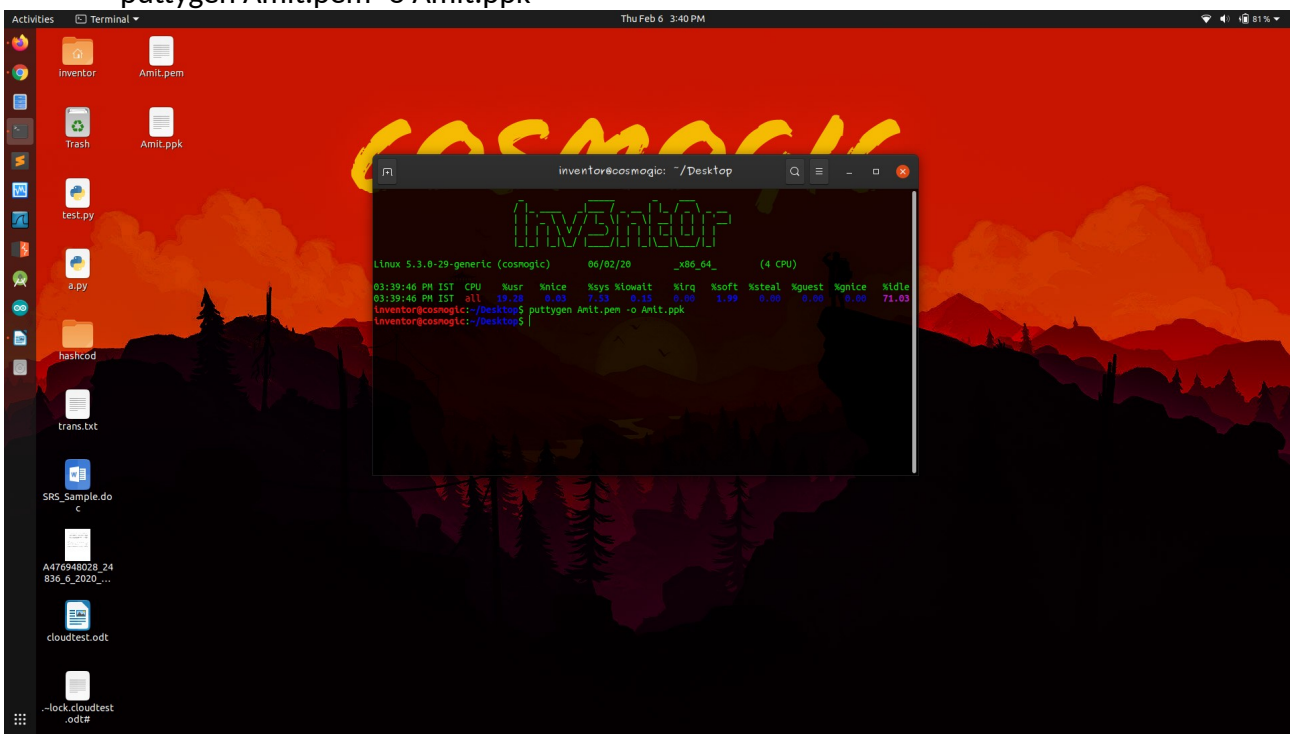
step 6 :- this is final page hear click launch option



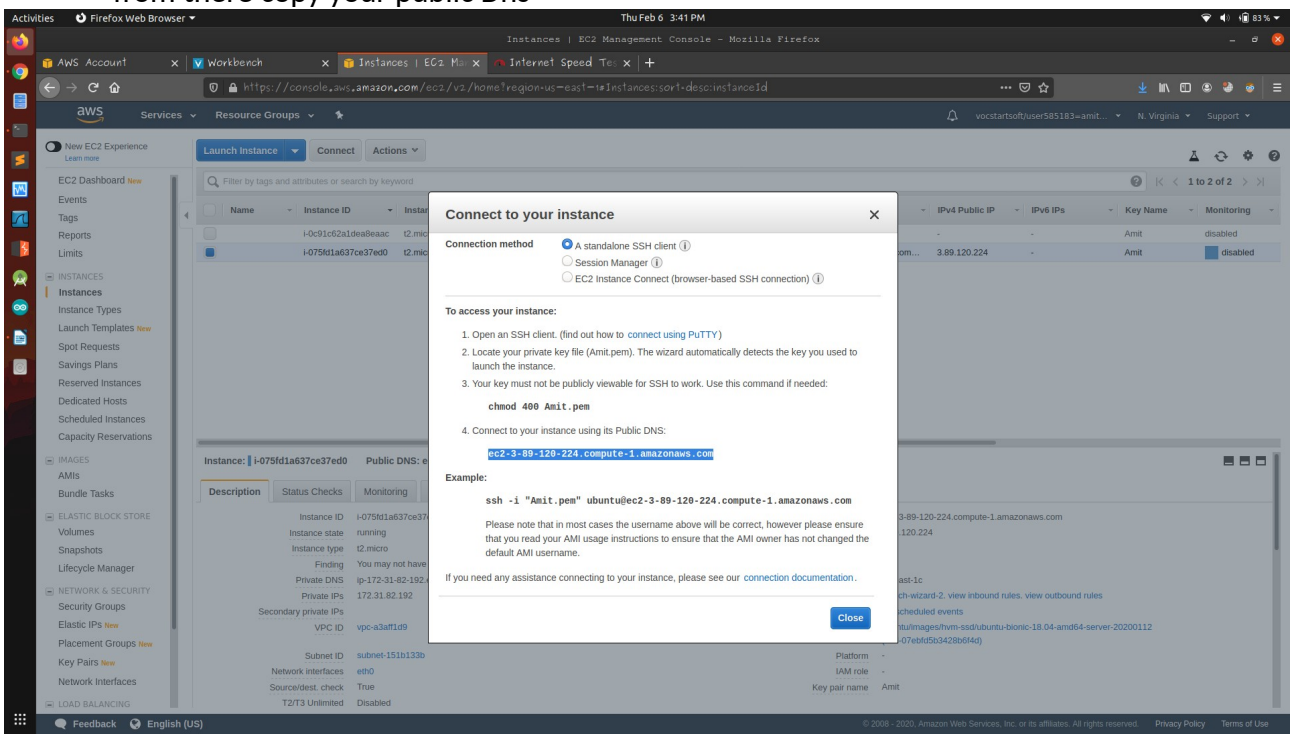
Step 7 :- create a new key pair and download the key in pem formate



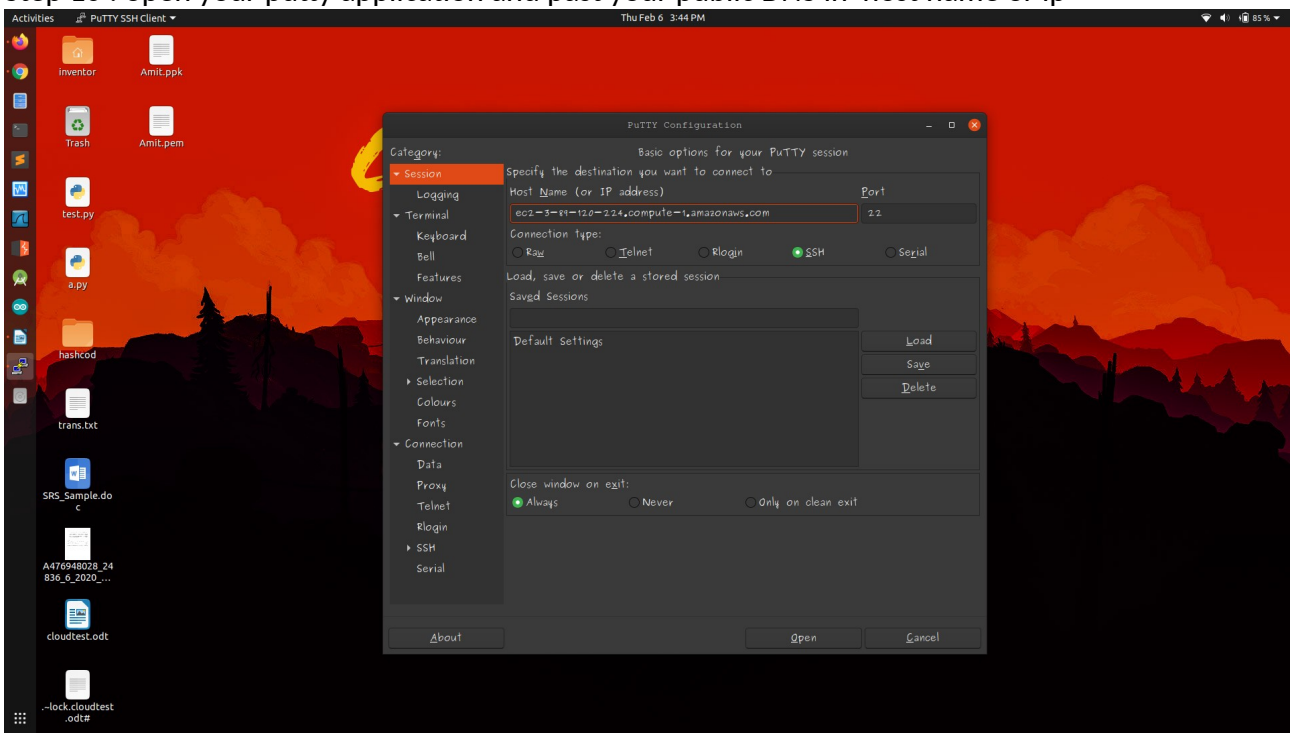
step 8 : convert you downloded key from pem to ppk formet using terminal with command
puttygen Amit.pem -o Amit.ppk



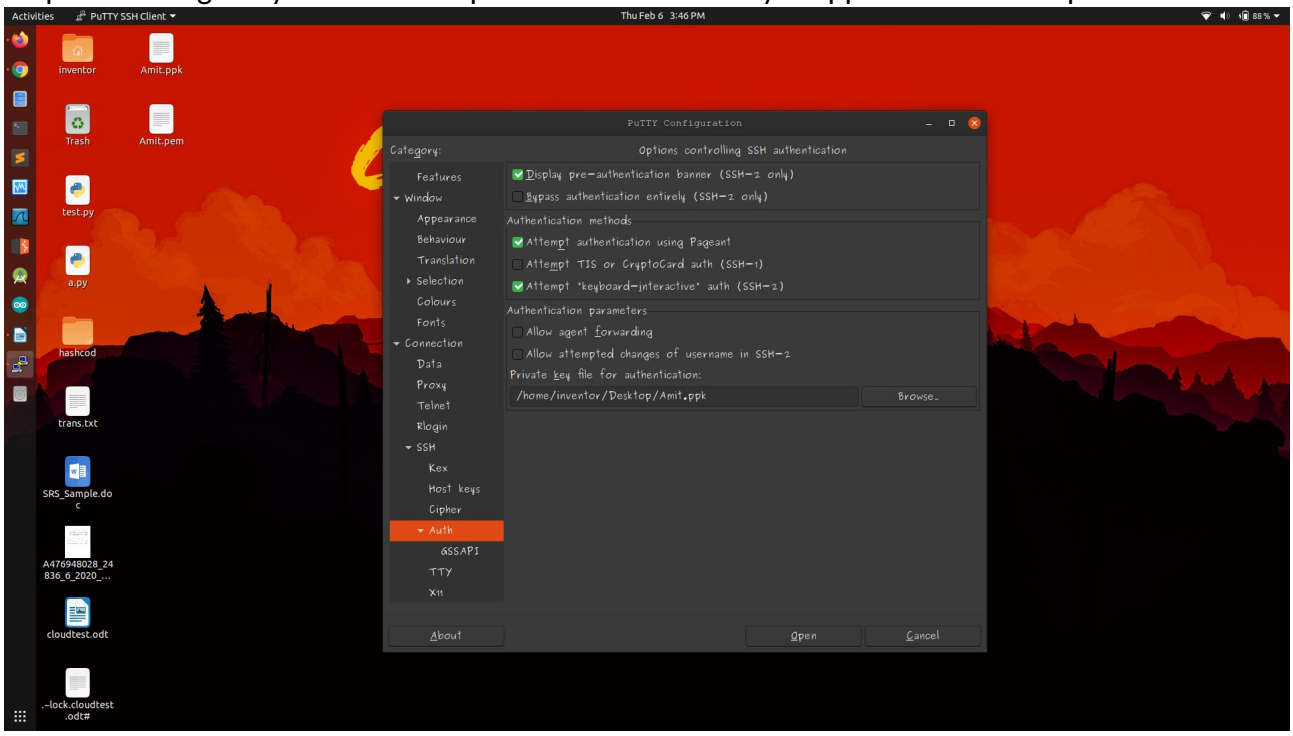
Step 9 : go back to aws console and choose your running machine then click on connect option
from there copy your public Dns



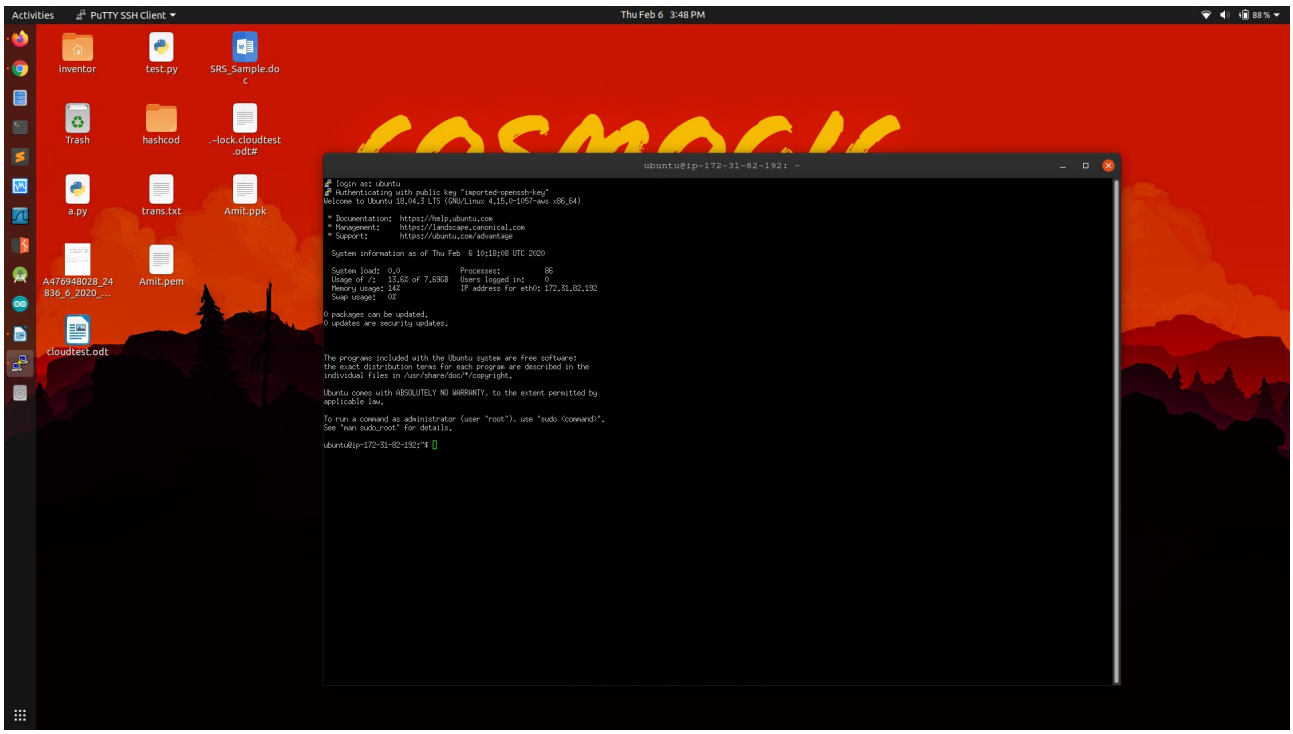
Step 10 : open your putty application and past your public DNS in host name or ip



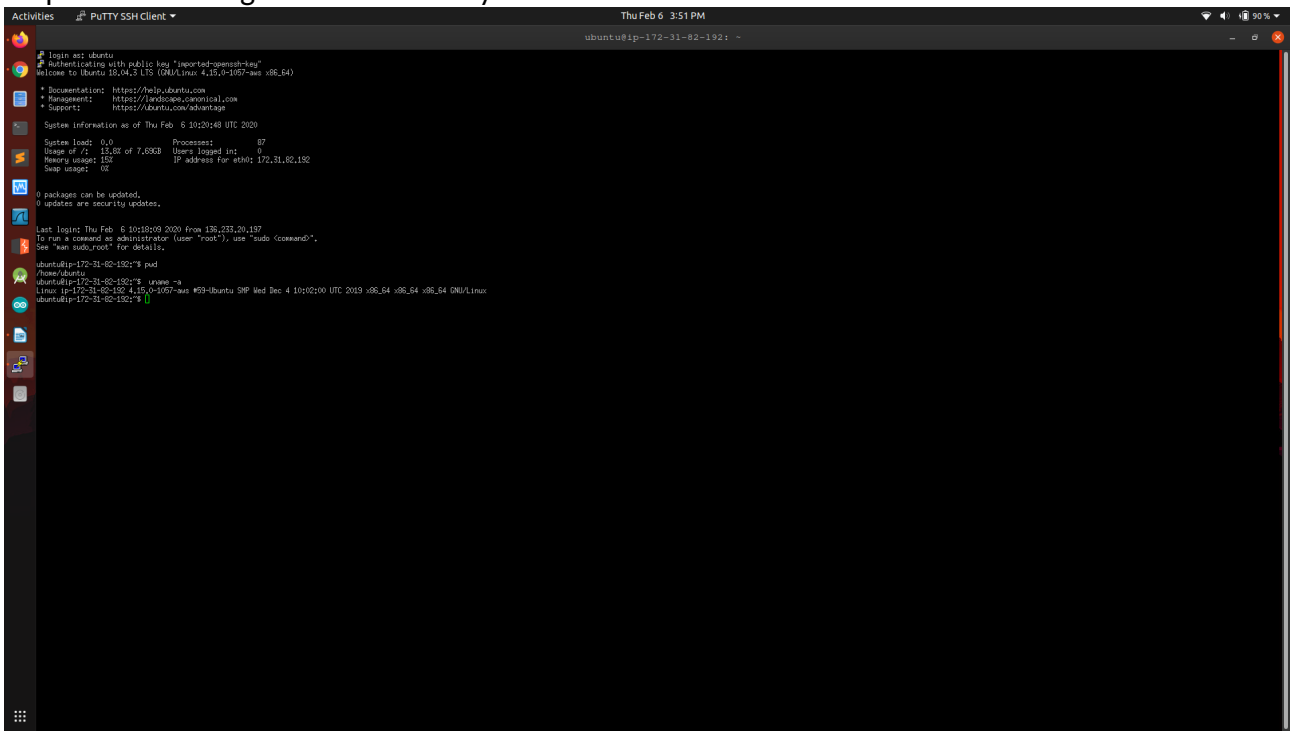
Step 11 : Then go to your ssh auth option and there select your ppk file and click open



Step 12 : Now your machine will get started login with user name ubuntu

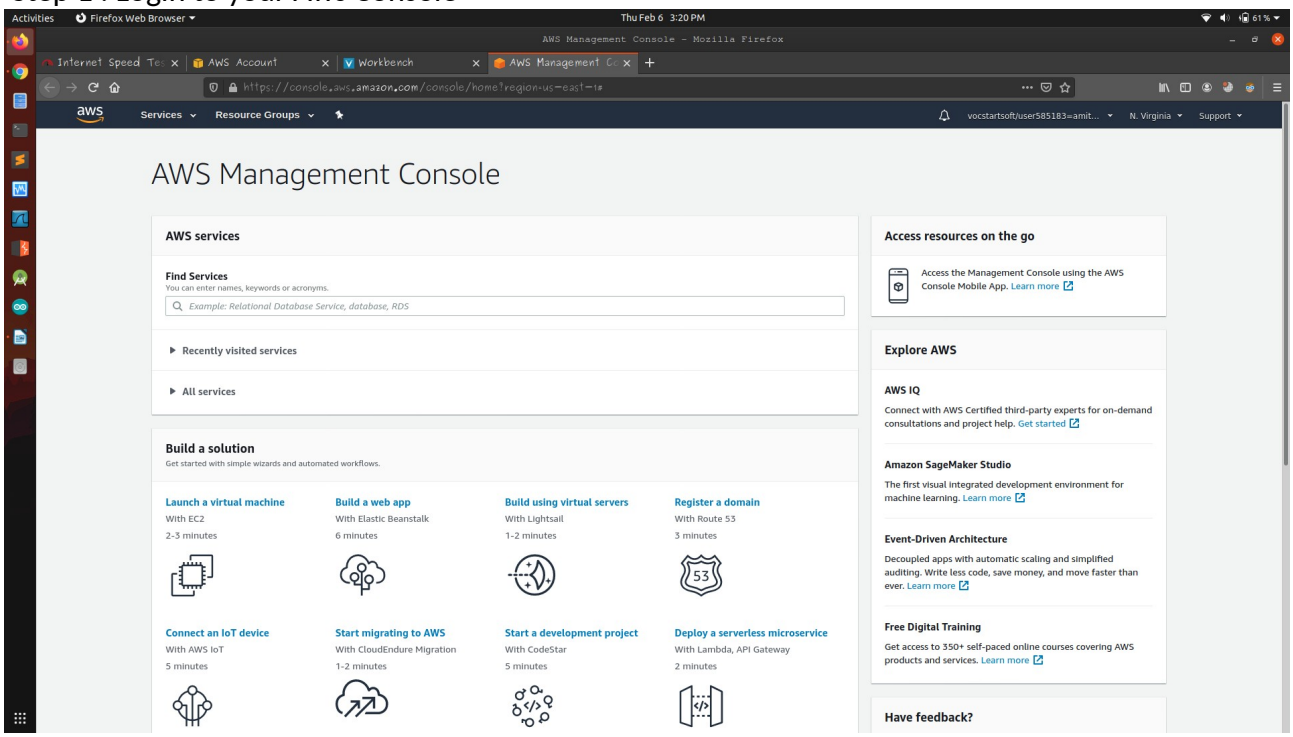


Step 13 : Hear we go now we are on your machine

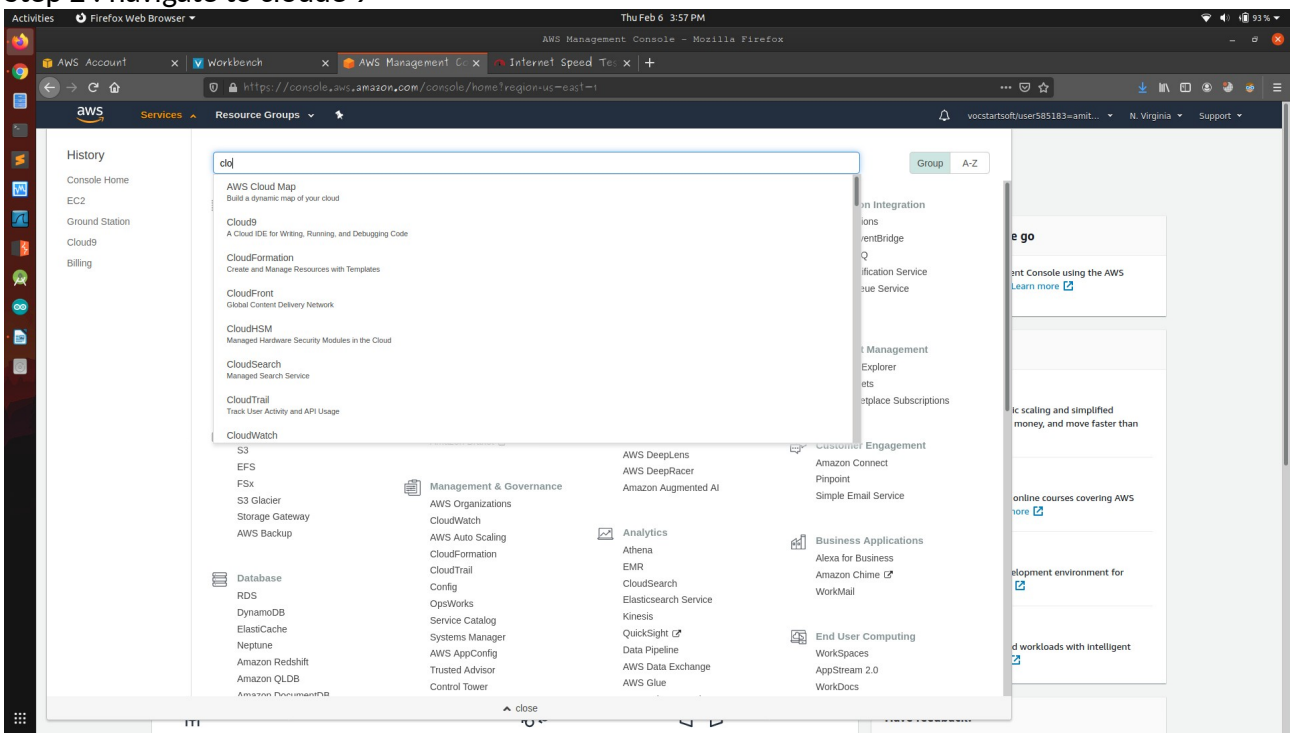


Question 2

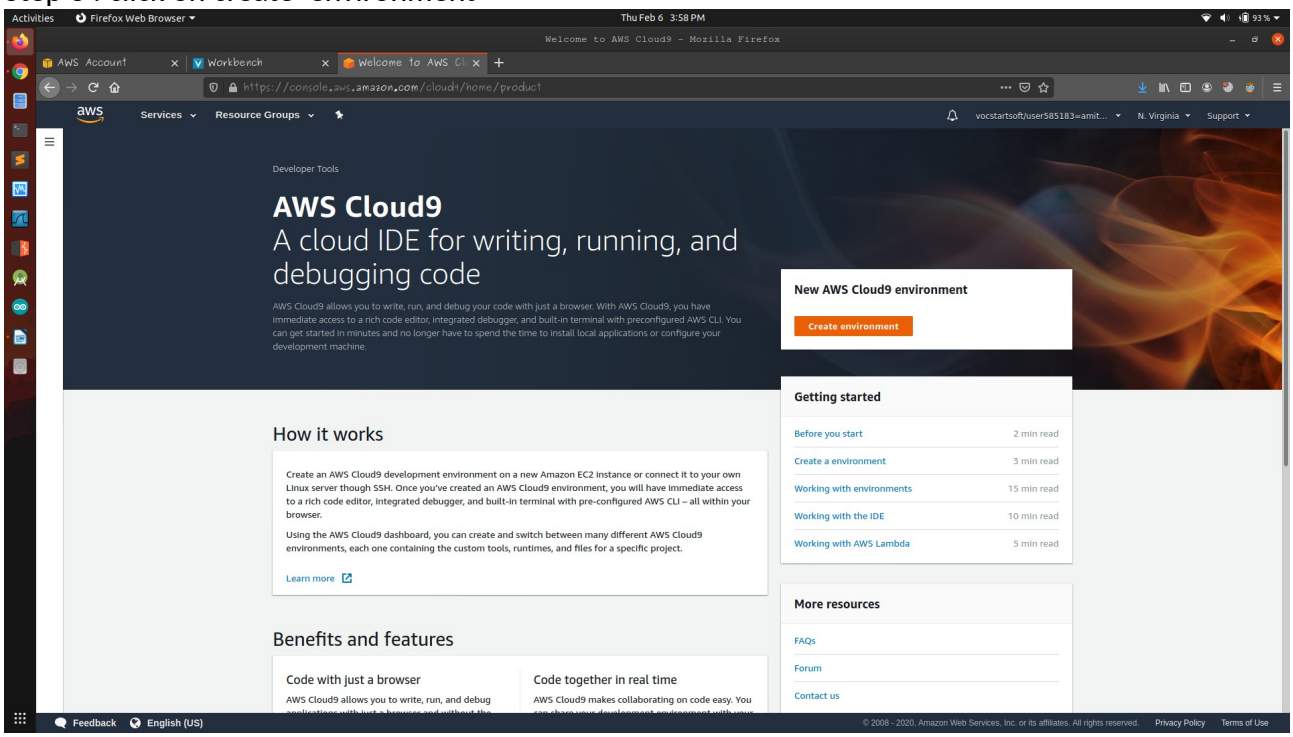
Step 1 : Login to your Aws Console



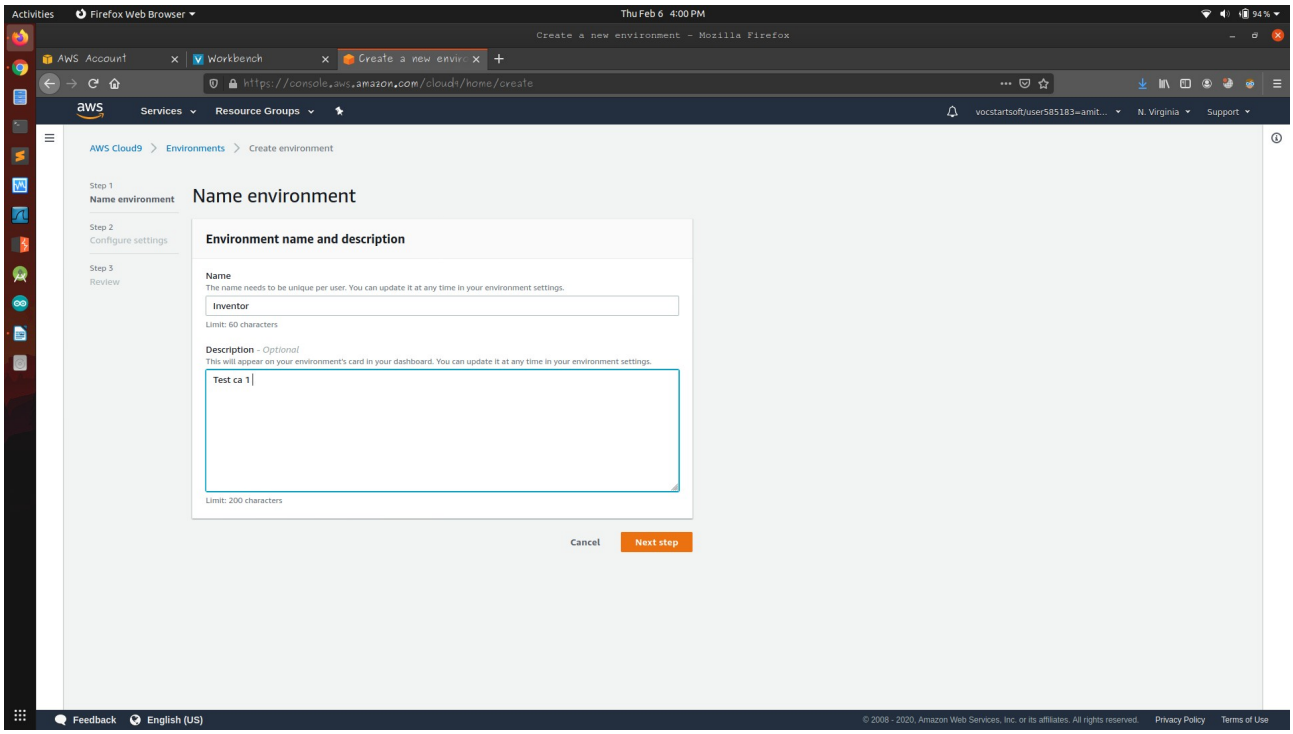
Step 2 : navigate to cloude 9



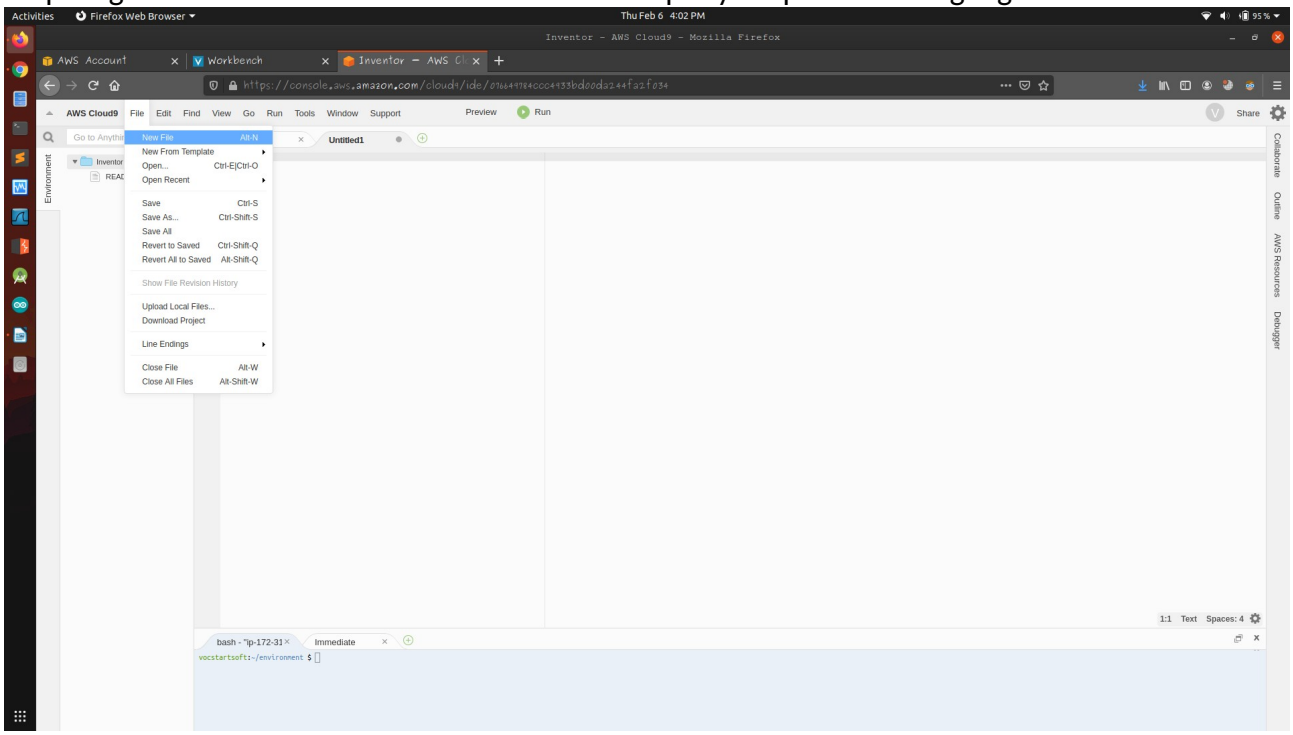
Step 3 : click on create environment



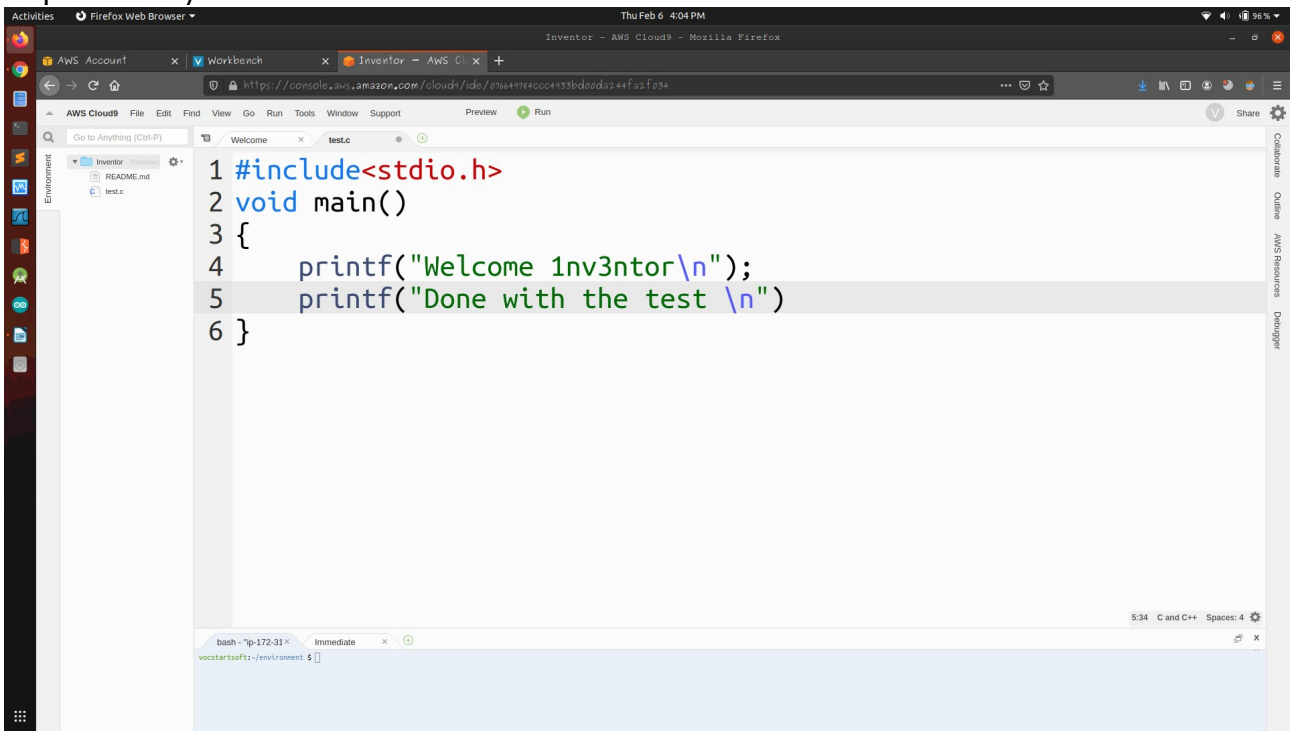
Step 4 : fill the name and discription and click on next>next>creat environment



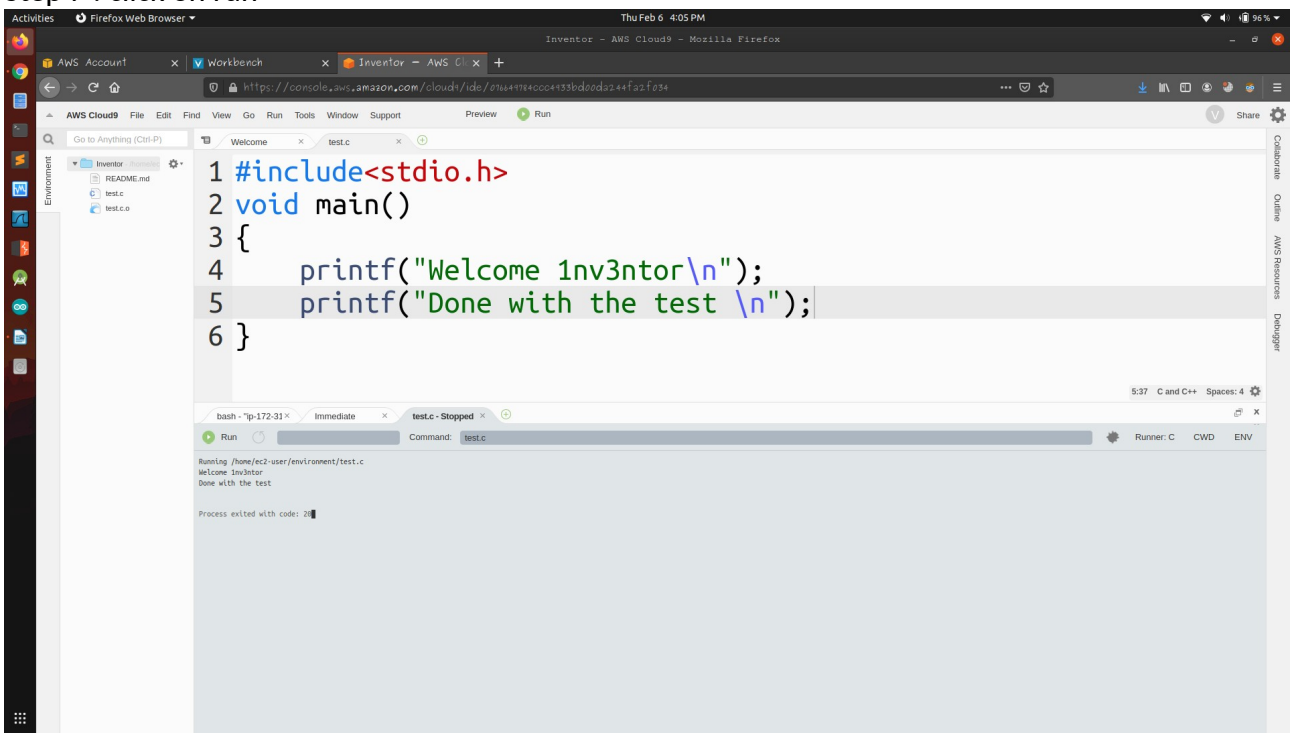
Step 5 : go to file and create new file and save it as per your preffered language



step 6 : enter your code and save it

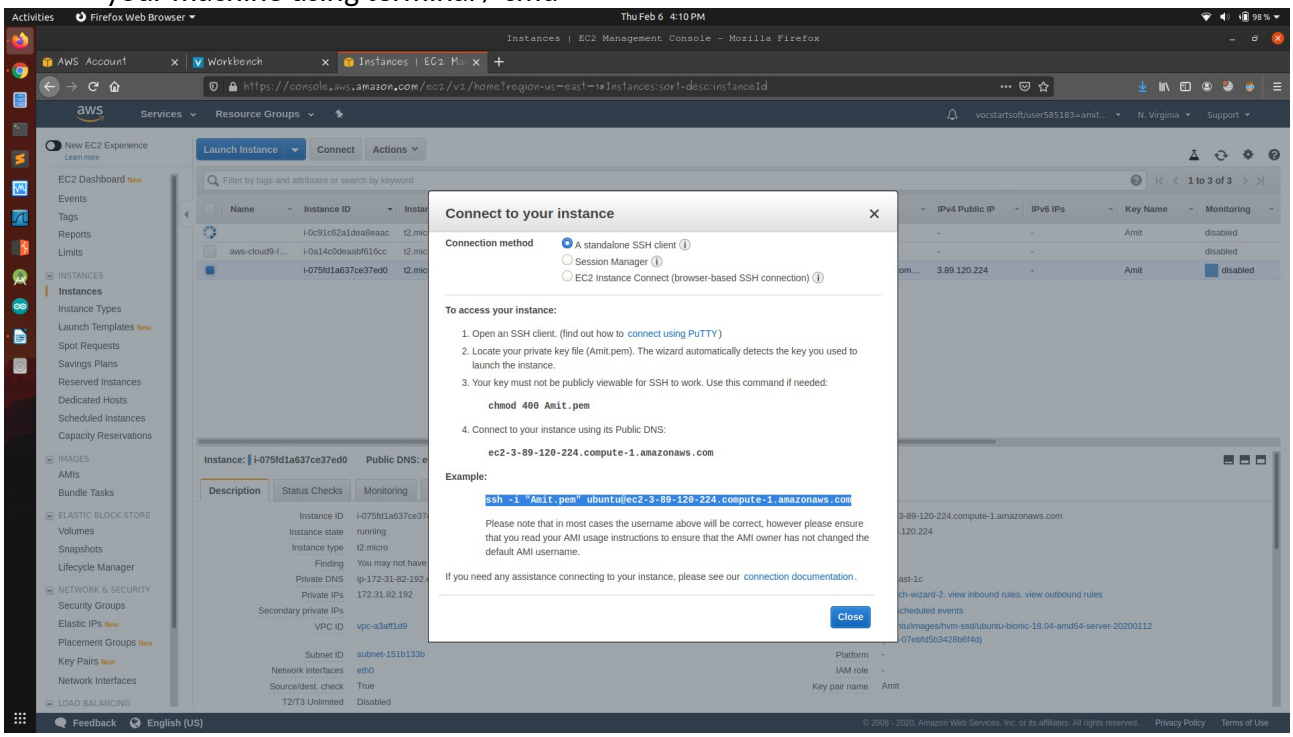


Step 7 : click on run



Question 3

Step 1 : if you don't have running machine follow the previous step and create your machine
Setp 2 :go to your machine and click on connect option ther you will get the command to open your machine using terminal / cmd



Step 3 : past the command on your terminal / cmd with root permissions and then you will be connected to your machine