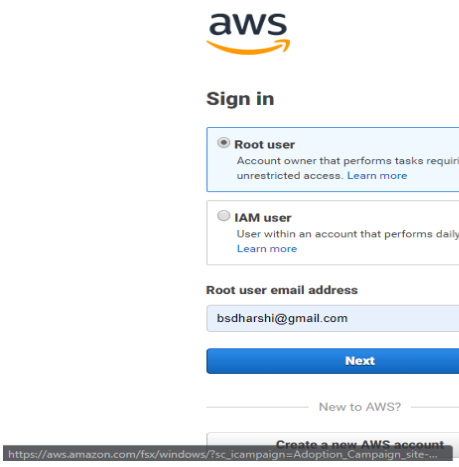
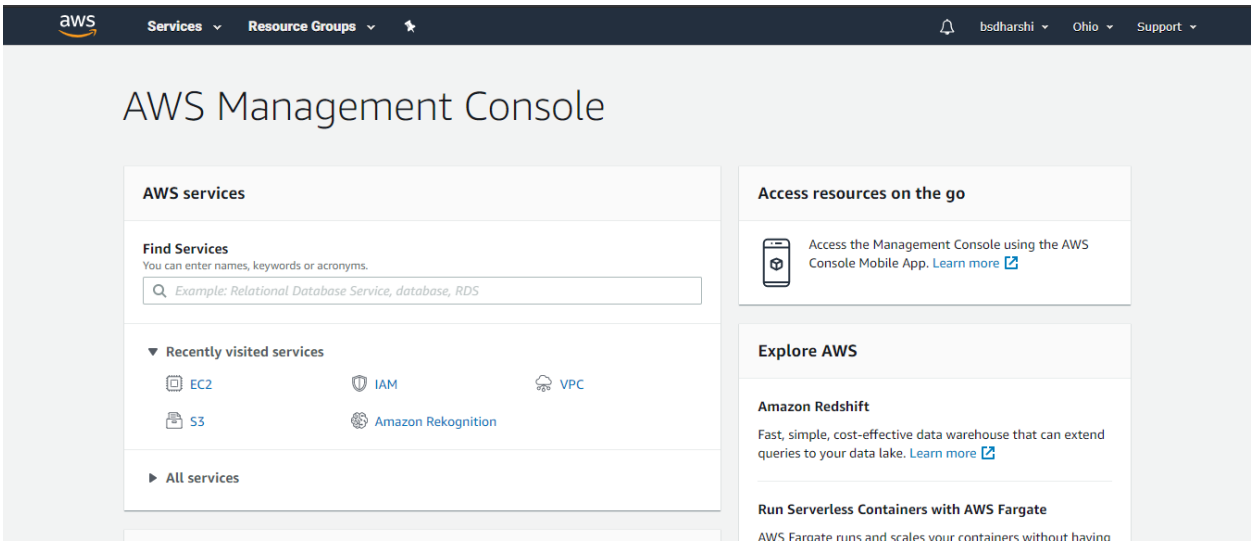
NAME	**:**	**DHARSHINI.B.S**
REG.NO	**:**	**16MIS0449**
COURSE TITLE	**:**	**AMAZON WEB SERVICE**
GUIDED BY	**:**	**ETHNUS**

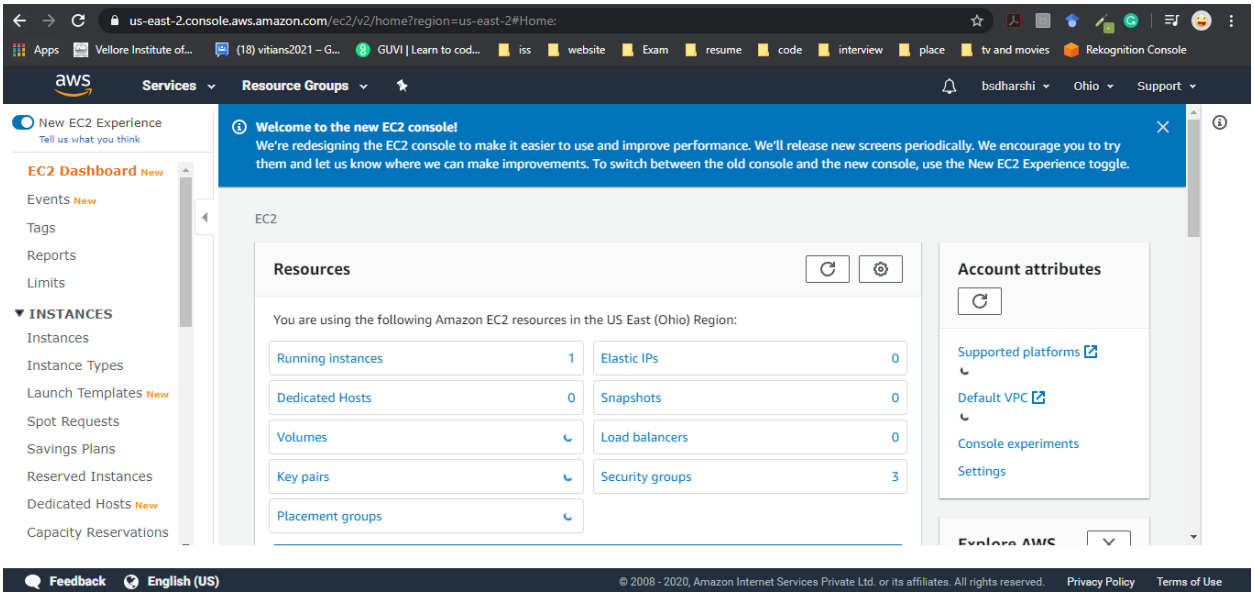
UNIVERSITY

VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

1) Demo class- AWS




aws
Services
Resource Groups
bsdharshi
Ohio
Support
AWS Management Console
AWS services
Find Services
You can enter names, keywords or acronyms.
Example: Relational Database Service, database, RDS
Recently visited services
EC2
IAM
VPC
S3
Amazon Rekognition
All services
Access resources on the go
Access the Management Console using the AWS Console Mobile App. Learn more
Explore AWS
Amazon Redshift
Fast, simple, cost-effective data warehouse that can extend queries to your data lake. Learn more
Run Serverless Containers with AWS Fargate


us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home:
Apps
Vellore Institute of...
(18) vitians2021 – G...
GUVI | Learn to cod...
iss
website
Exam
resume
code
interview
place
tv and movies
Rekognition Console
aws
Services
Resource Groups
bsdharshi
Ohio
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Reports
Limits
INSTANCES
Instances
Instance Types
Launch Templates New
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Welcome to the new EC2 console!
We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know where we can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle.
EC2
Resources
You are using the following Amazon EC2 resources in the US East (Ohio) Region:
Running instances 1
Elastic IPs 0
Dedicated Hosts 0
Snapshots 0
Volumes
Load balancers 0
Key pairs
Security groups 3
Placement groups
Account attributes
Supported platforms
Default VPC
Console experiments
Settings
Explore AWS
Feedback
English (US)
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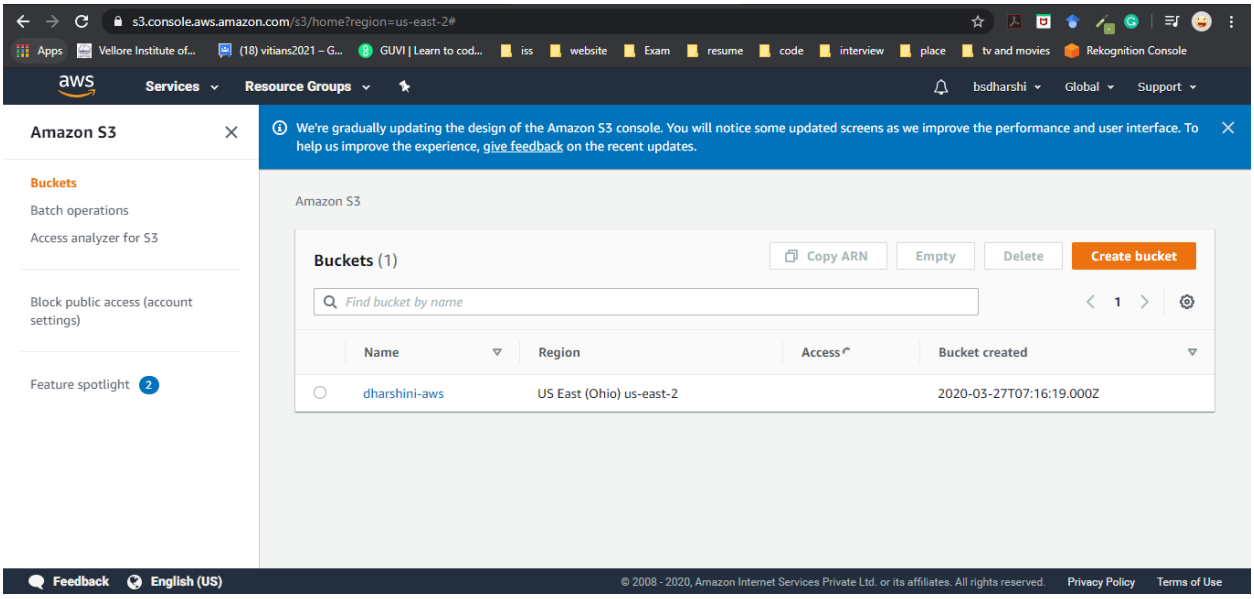
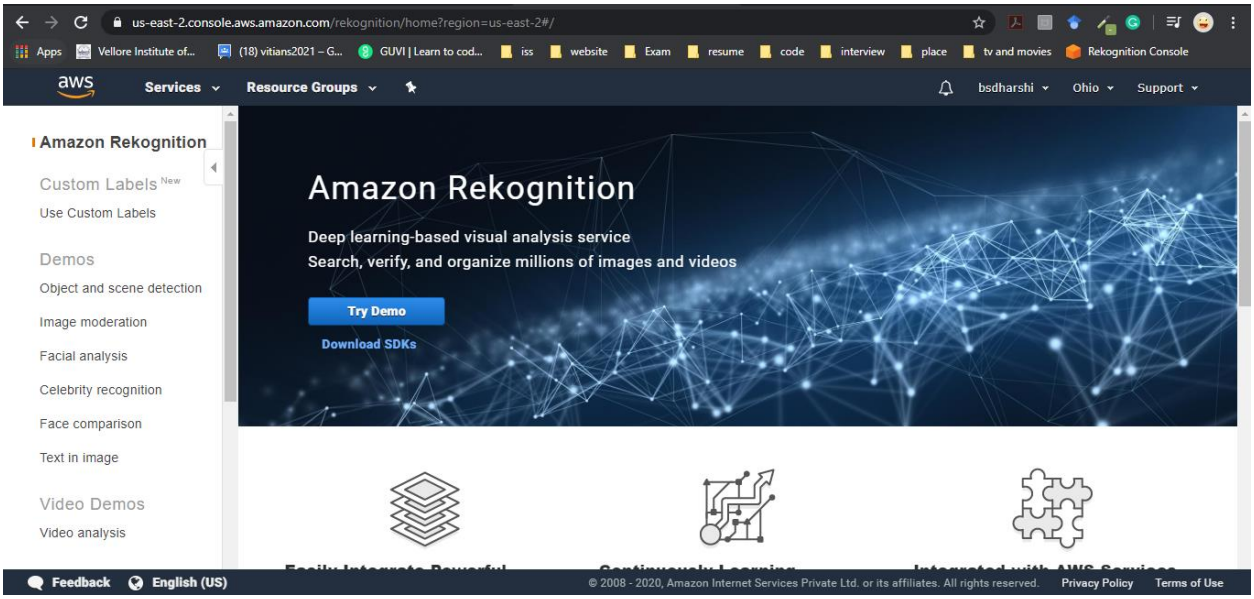
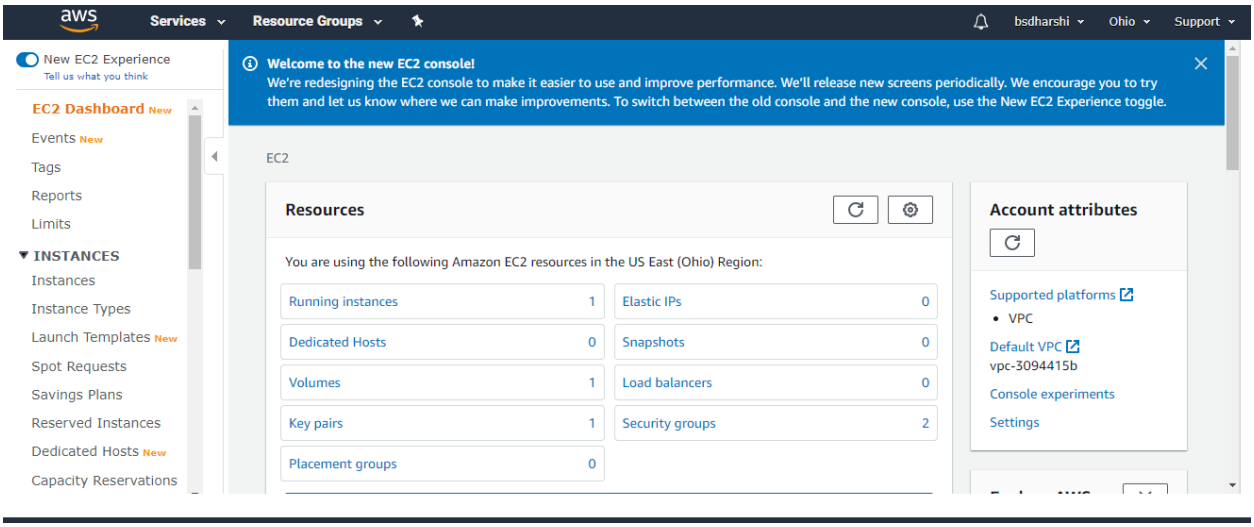
Privacy Policy
Terms of Use

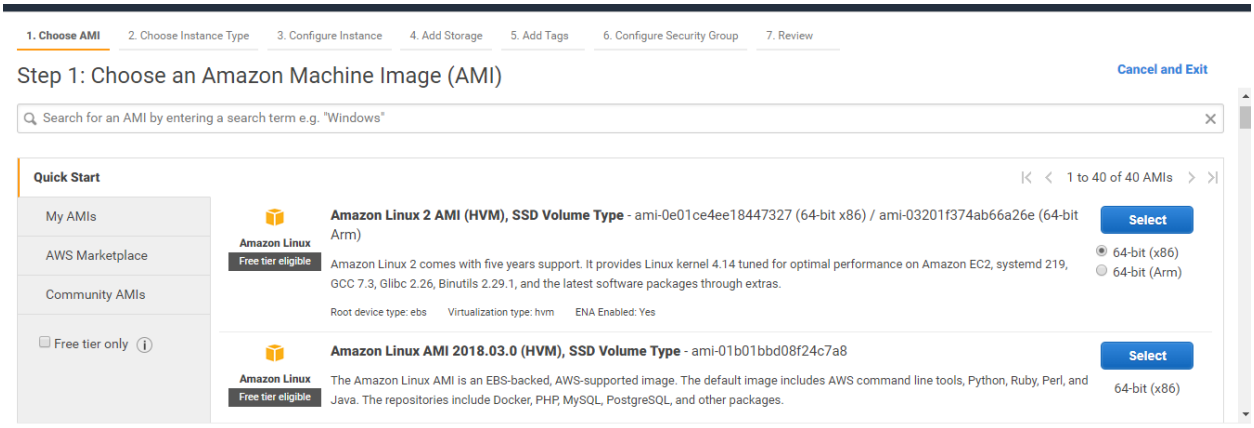




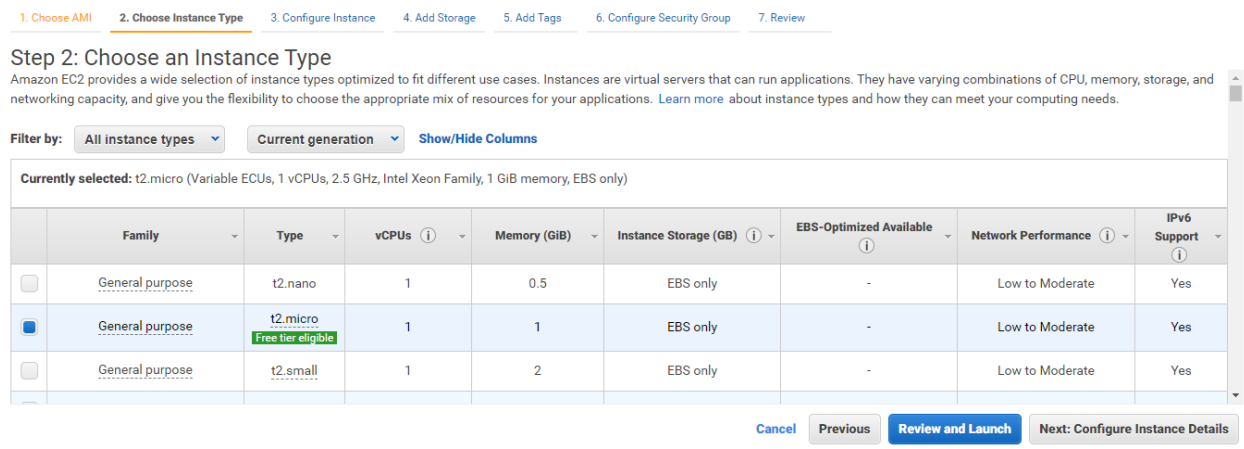
2) Master class Day -1 EC2



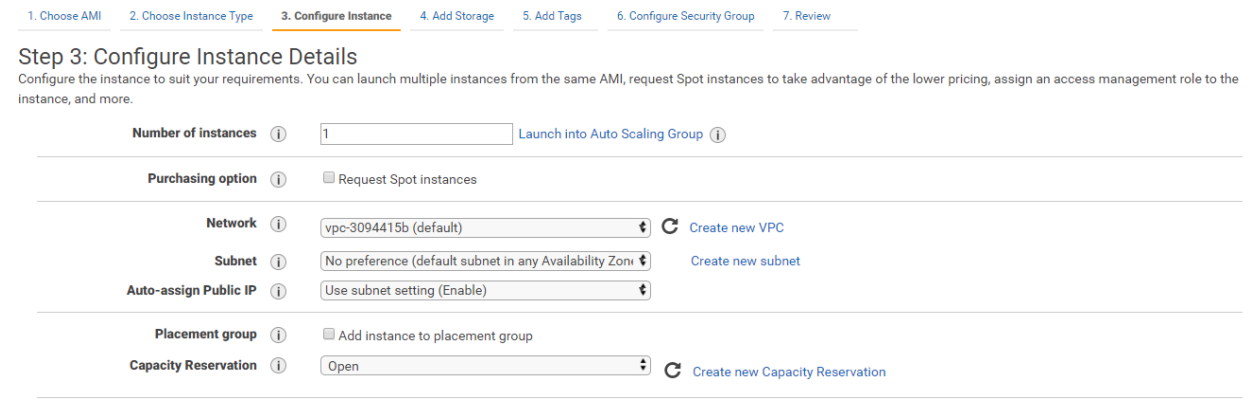
Step: 1- Select the operating System.



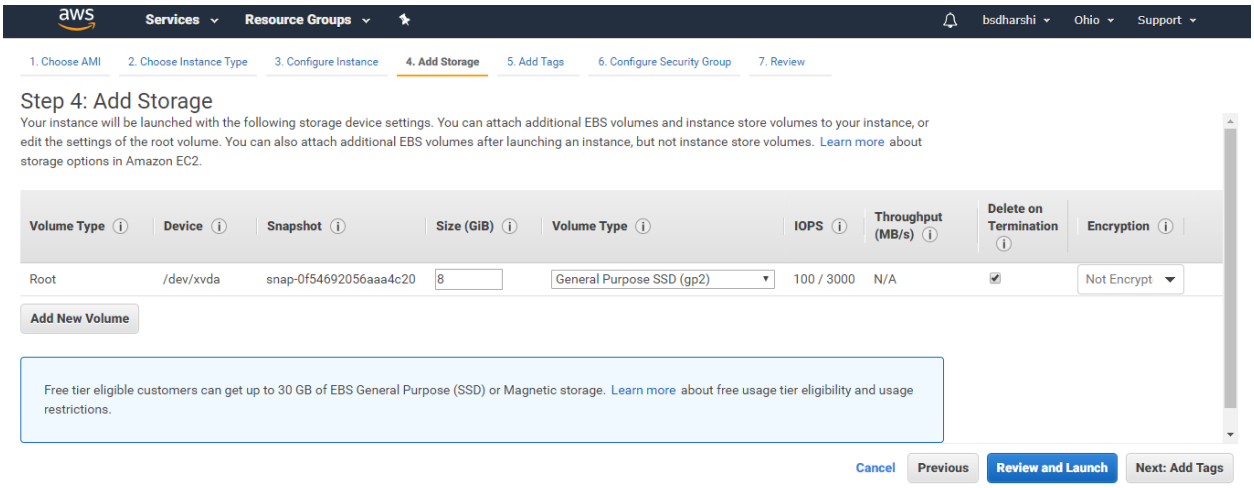
Step: 2 Select t2 micro.



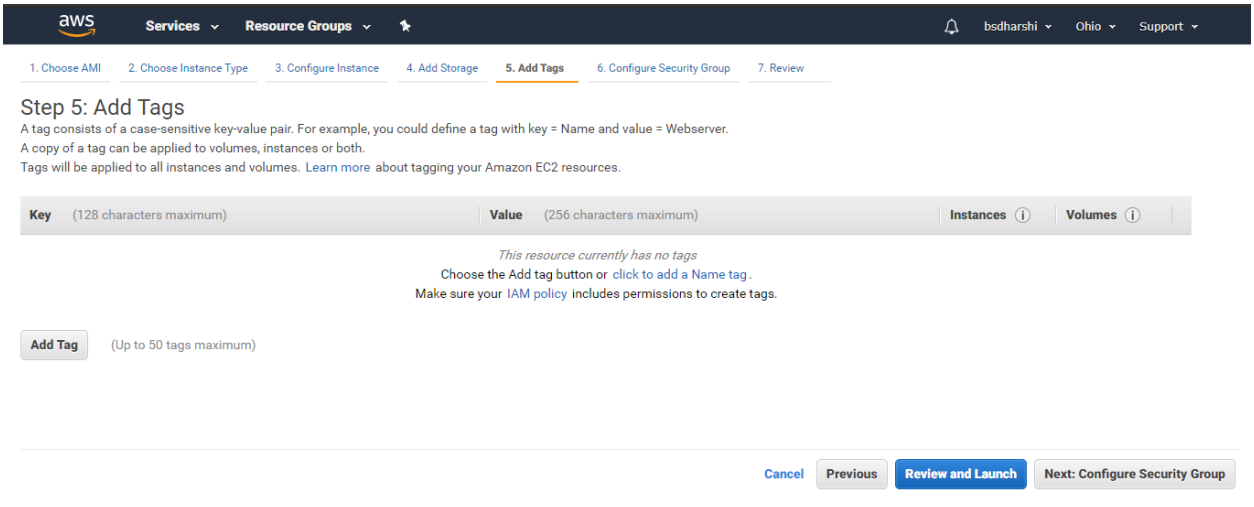
Step: 3



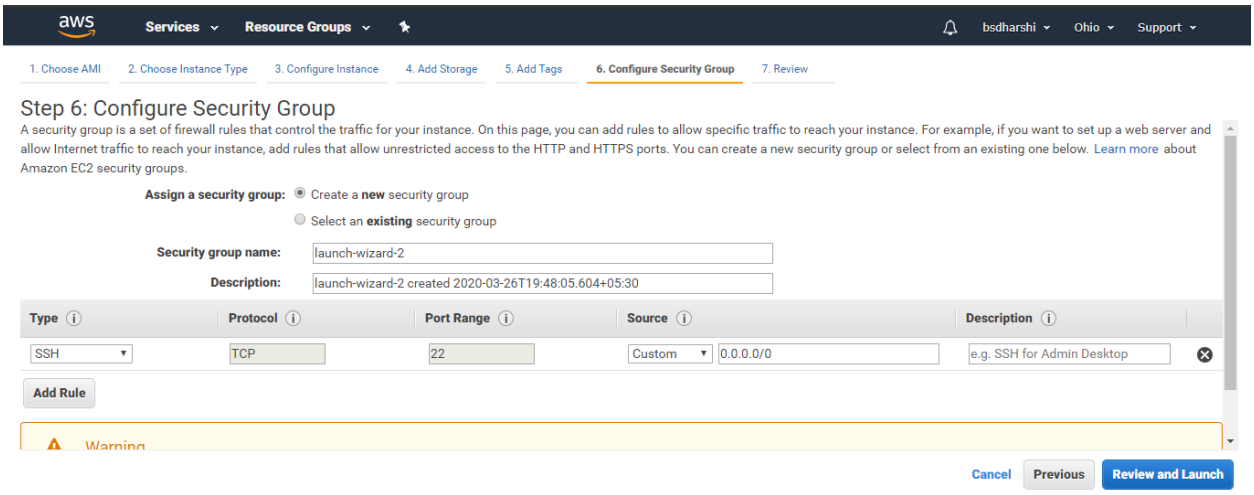
Step: 4 Add 8 GB storage.



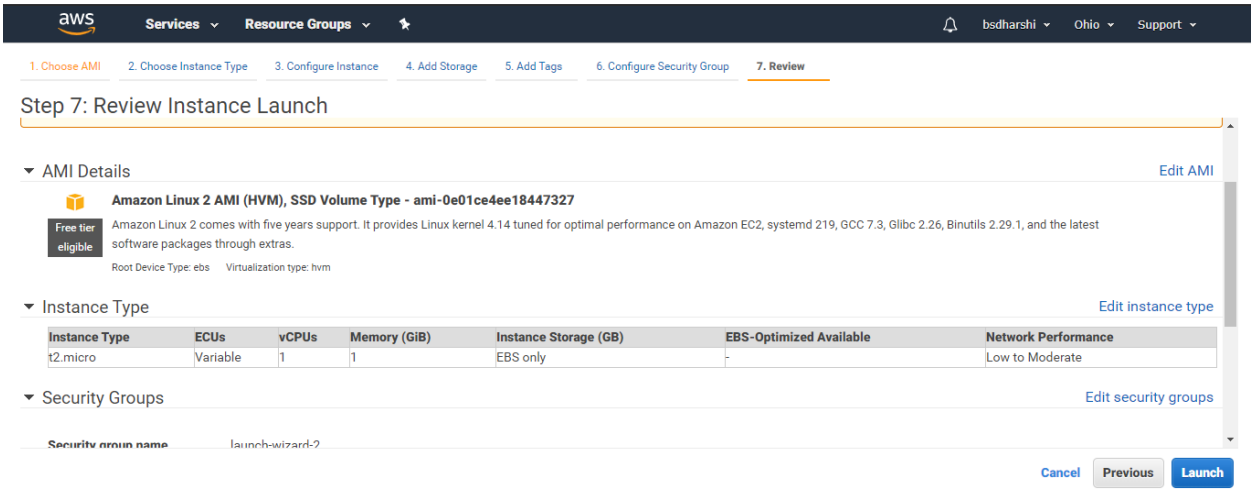
Step: 5



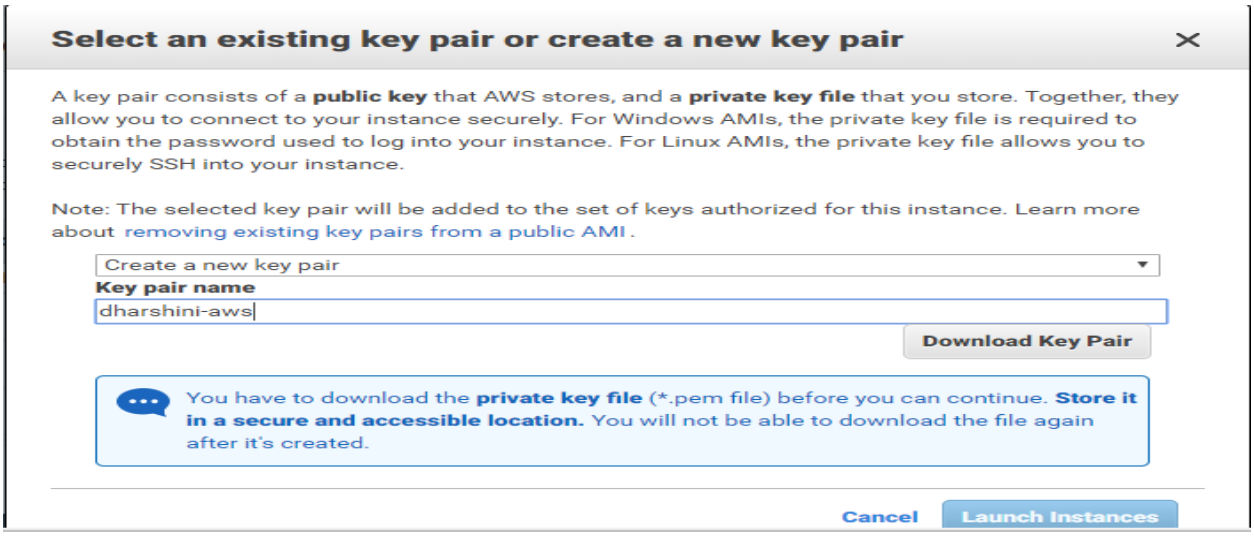
Step: 6 Security group.



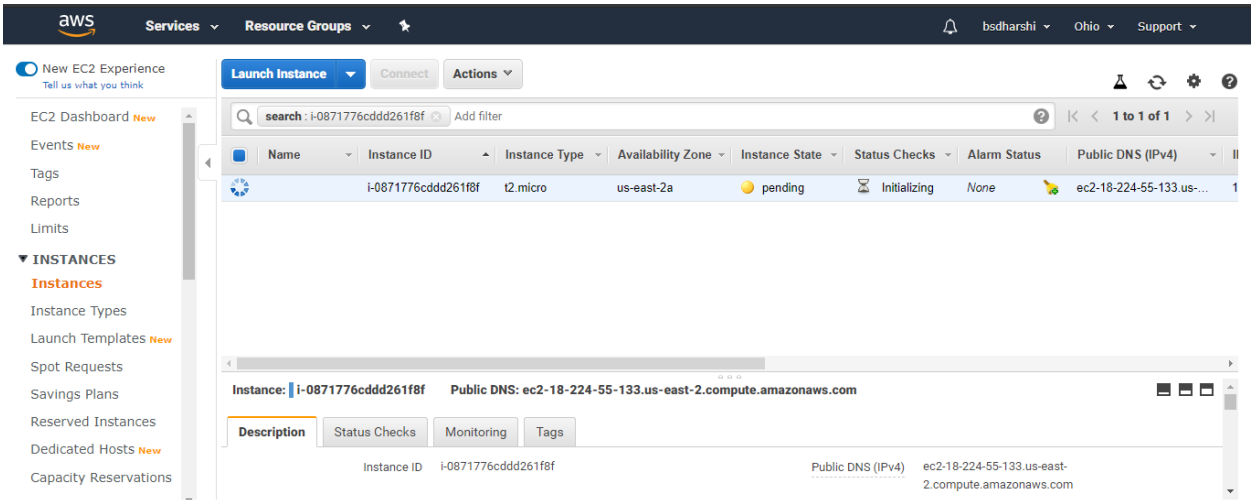
Step: 7 Launch the instance.



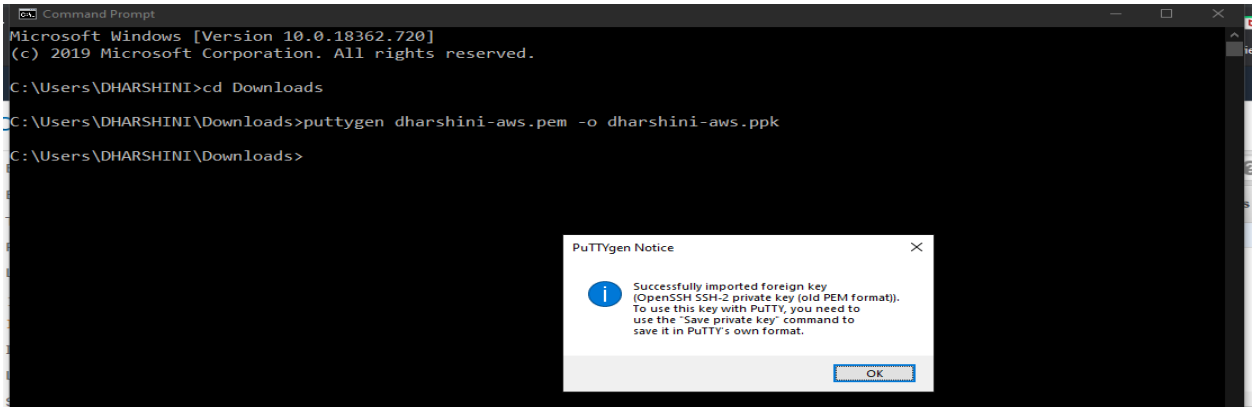
Step: 8 Enter the key pair name and download it. It will in .pem format.



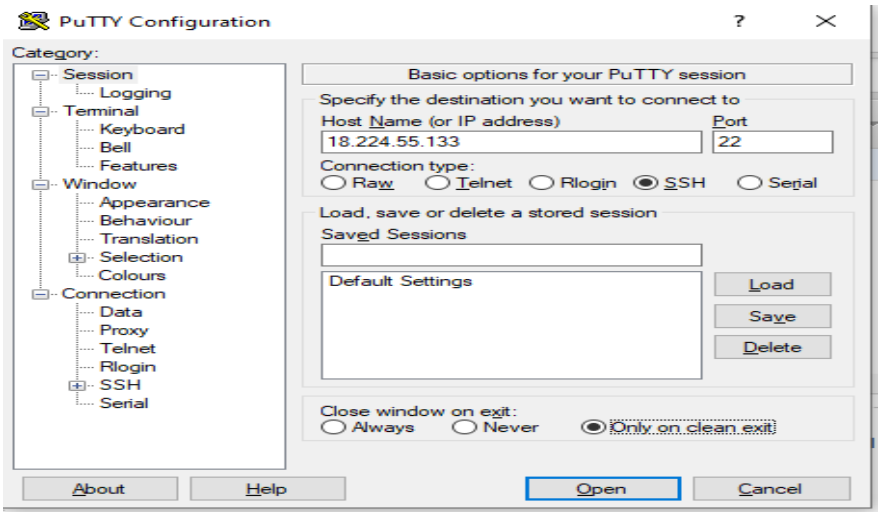
Step: 9 Instance created.



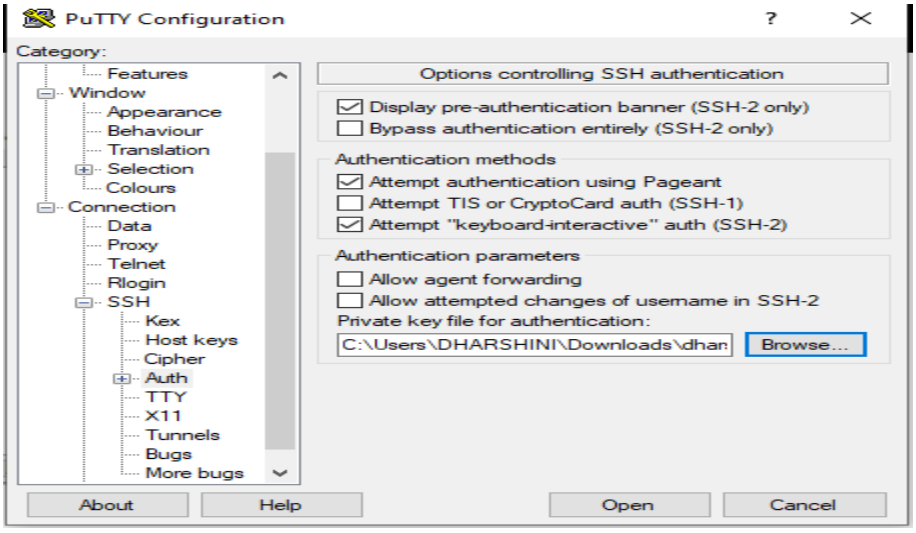
Step: 10 In command prompt convert the .pem file format to .ppk format. Since puTTY accept only .ppk



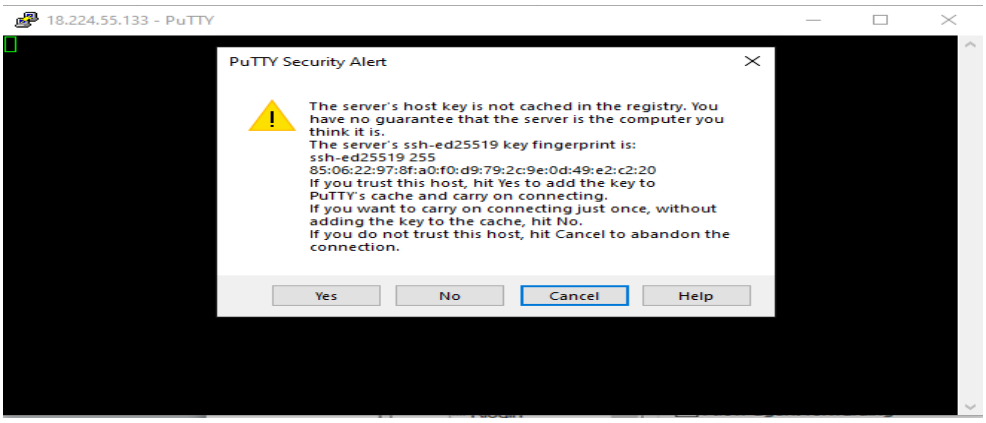
Step: 11 Paste the IP address and SSH – 22 Port.



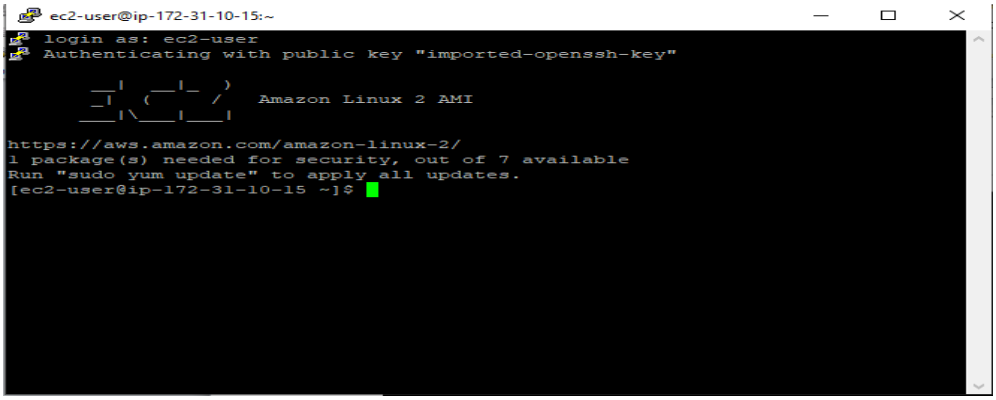
Step: 12 Paste the converted private key file.



Step: 13 puTTY command prompt.



Step: 14 Login using ec2-user name.



Step: 15 enter sudo yum install httpd command and press y.

```
Dependencies Resolved

================================================================================
 Package                 Arch       Version                Repository      Size
================================================================================
Installing:
 httpd                   x86_64     2.4.41-1.amzn2.0.1     amzn2-core     1.3 M
Installing for dependencies:
 apr                     x86_64     1.6.3-5.amzn2.0.2      amzn2-core     118 k
 apr-util                x86_64     1.6.1-5.amzn2.0.2      amzn2-core      99 k
 apr-util-bdb            x86_64     1.6.1-5.amzn2.0.2      amzn2-core      19 k
 generic-logos-httpd     noarch     18.0.0-4.amzn2         amzn2-core      19 k
 httpd-filesystem        noarch     2.4.41-1.amzn2.0.1     amzn2-core      23 k
 httpd-tools             x86_64     2.4.41-1.amzn2.0.1     amzn2-core      87 k
 mailcap                 noarch     2.1.41-2.amzn2         amzn2-core      31 k
 mod_http2               x86_64     1.15.3-2.amzn2         amzn2-core     146 k

Transaction Summary
================================================================================
Install  1 Package (+8 Dependent packages)

Total download size: 1.8 M
Installed size: 5.1 M
Is this ok [y/d/N]:
```

Step: 16 Enter the commands sudo service httpd start and sudo service httpd status.

```
  mailcap.noarch 0:2.1.41-2.amzn2
  mod_http2.x86_64 0:1.15.3-2.amzn2

Complete!
[ec2-user@ip-172-31-10-15 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-10-15 ~]$ sudo service httpd status
```

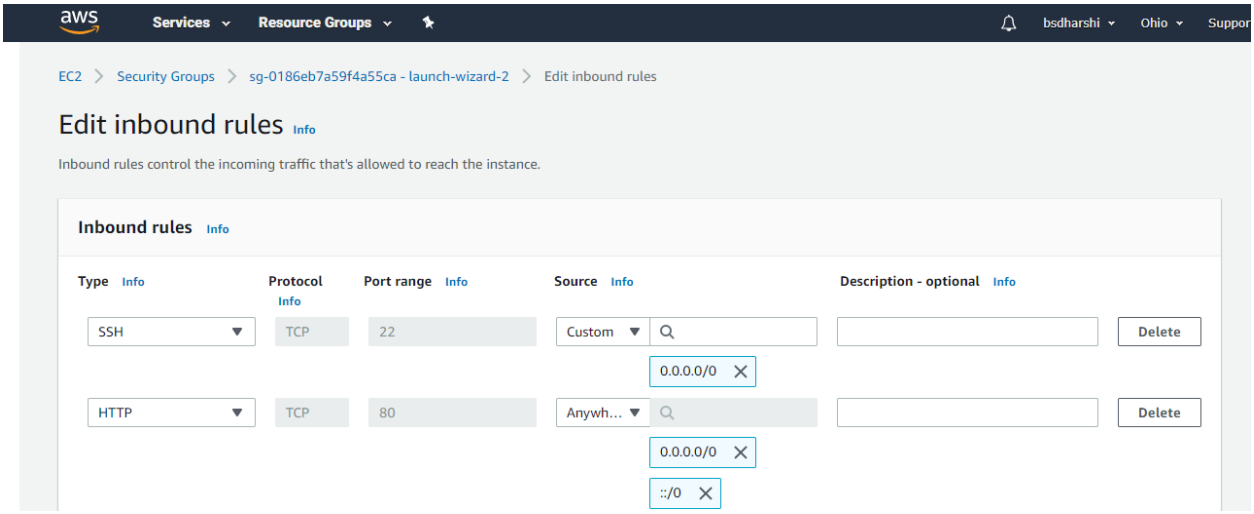
```
[ec2-user@ip-172-31-10-15 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-10-15 ~]$ sudo service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor prese
t: disabled)
   Active: active (running) since Thu 2020-03-26 14:29:47 UTC; 51s ago
     Docs: man:httpd.service(8)
 Main PID: 3672 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes se
rved/sec:   0 B/sec"
   CGroup: /system.slice/httpd.service
           ├─3672 /usr/sbin/httpd -DFOREGROUND
           ├─3673 /usr/sbin/httpd -DFOREGROUND
           ├─3674 /usr/sbin/httpd -DFOREGROUND
           ├─3675 /usr/sbin/httpd -DFOREGROUND
           ├─3676 /usr/sbin/httpd -DFOREGROUND
           └─3677 /usr/sbin/httpd -DFOREGROUND

Mar 26 14:29:47 ip-172-31-10-15.us-east-2.compute.internal systemd[1]: Starti...
Mar 26 14:29:47 ip-172-31-10-15.us-east-2.compute.internal systemd[1]: Starte...
Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-10-15 ~]$
```

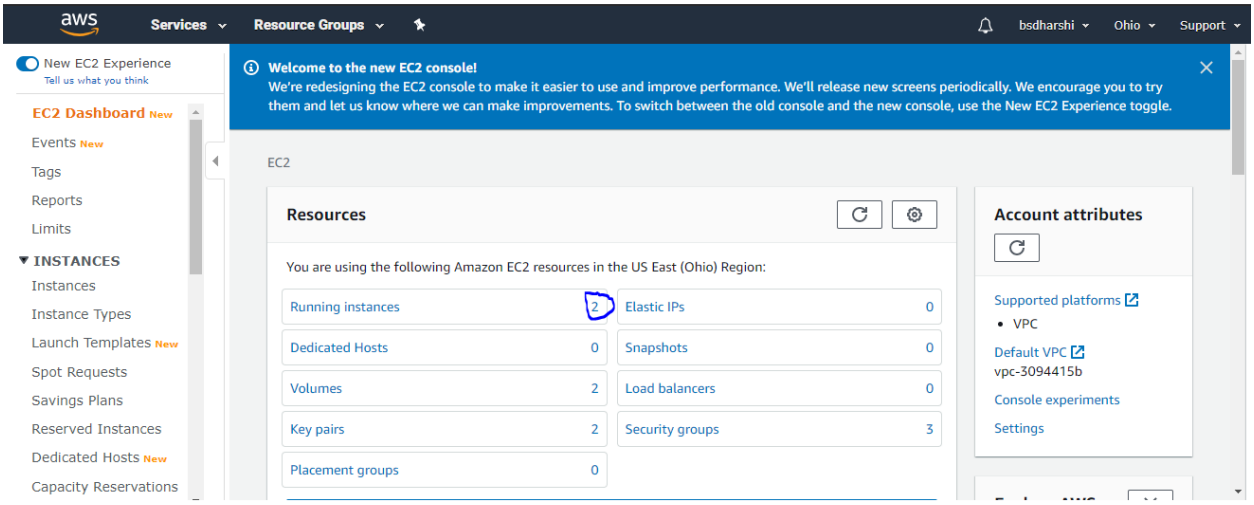
Step: 17 Then press i and type the sentence as your wish and press escape and type :wq and press enter.

```
Hi I am Dharshini BS. Studying in Vellore VIT MTech Integrated!!!!
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
-- INSERT --                                          1,67          All
```

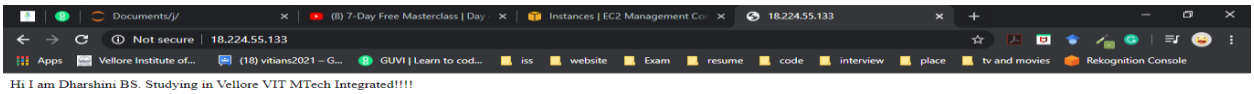
Step: 18 Edit the inbound and add http and source as anywhere.



Step: 19 Then the instance can be accessed.

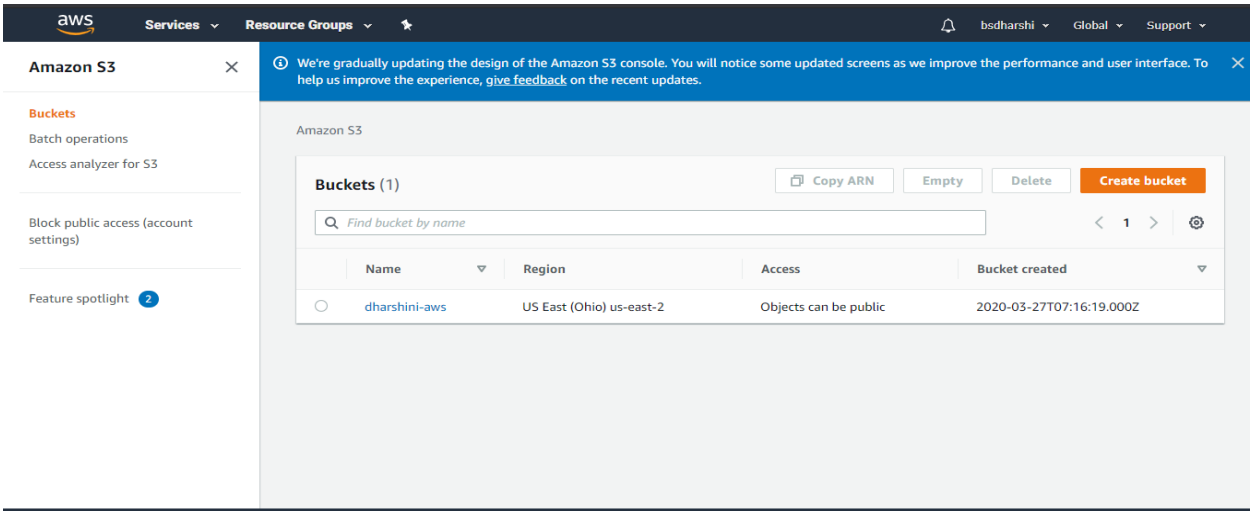


Step: 20 This is the webpage.

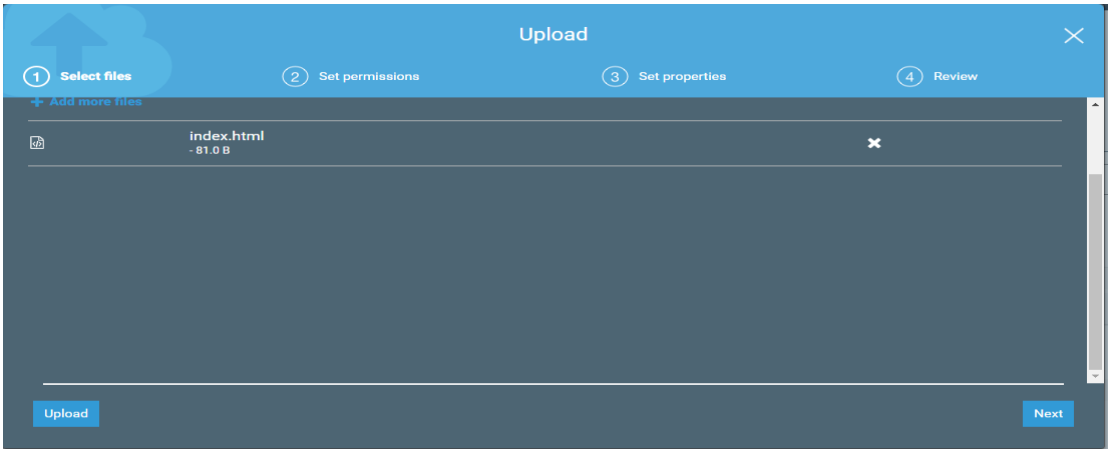


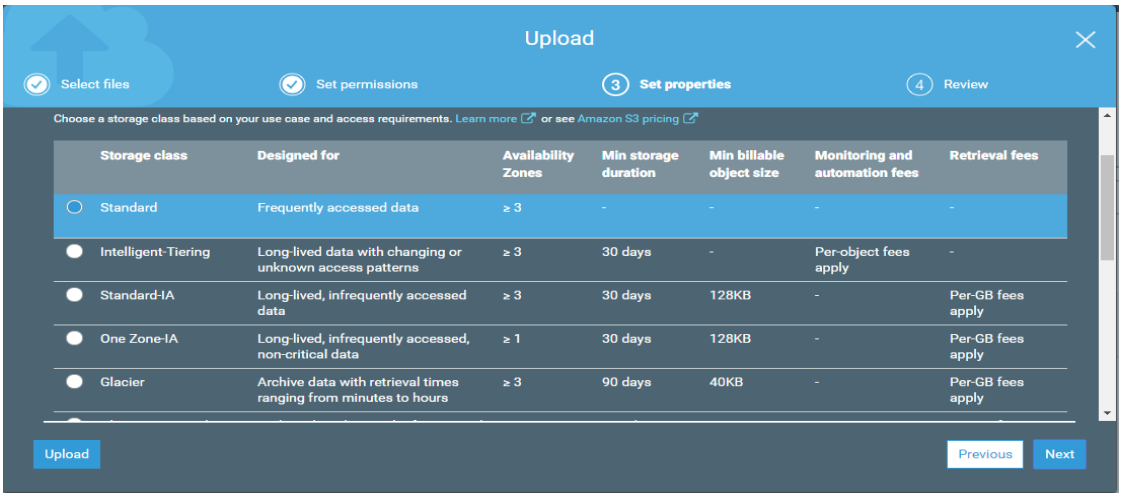
3) Day2-S3

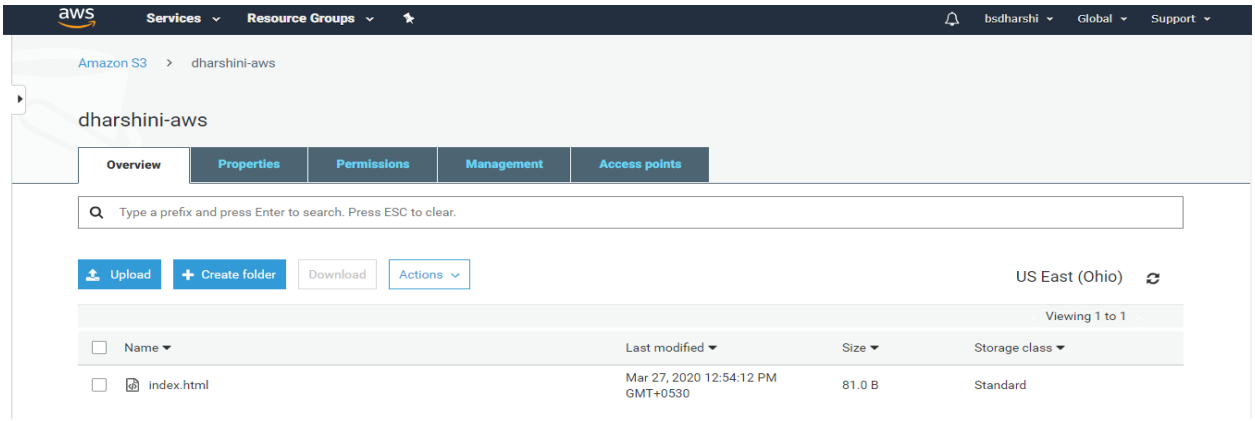
Step: 1 Enter into S3 service and create the bucket.

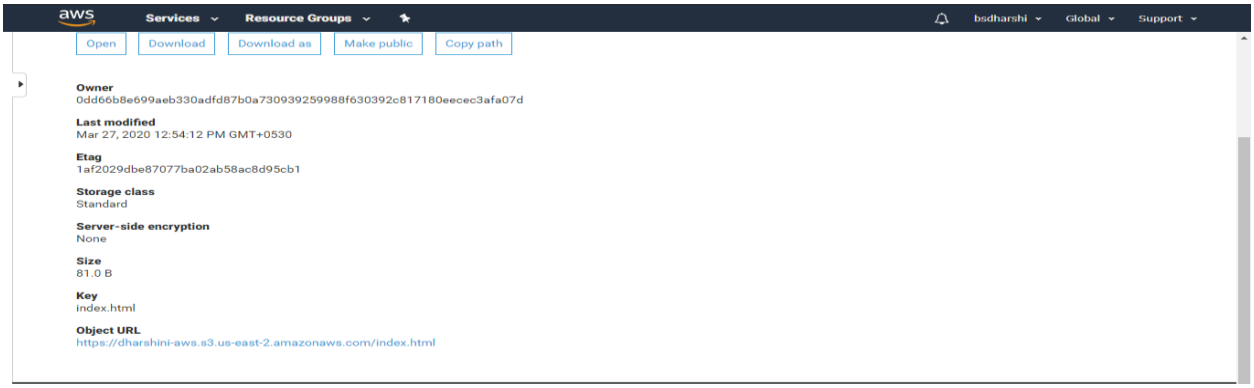


Step: 2 Then in the bucket upload the file in html format and set permission

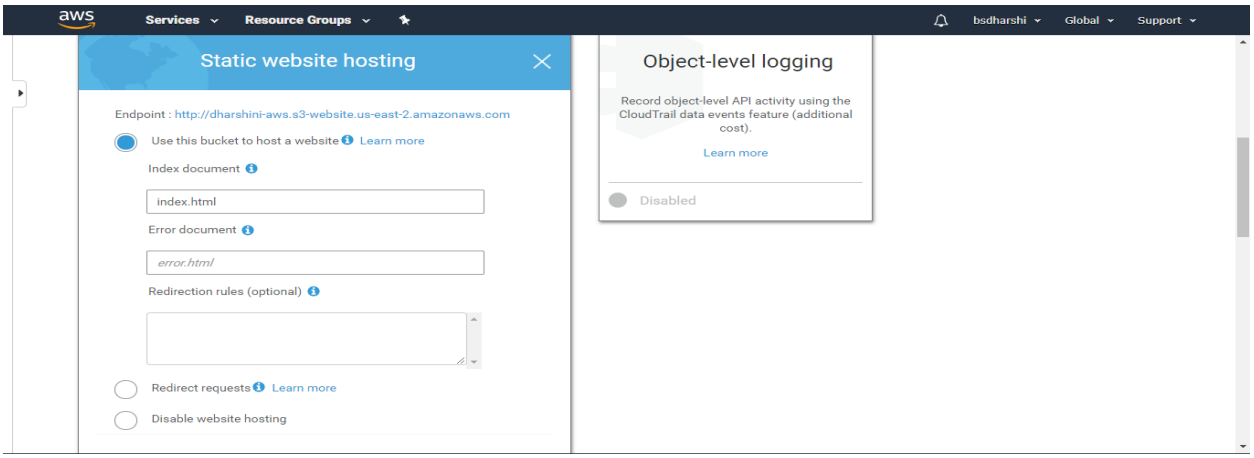




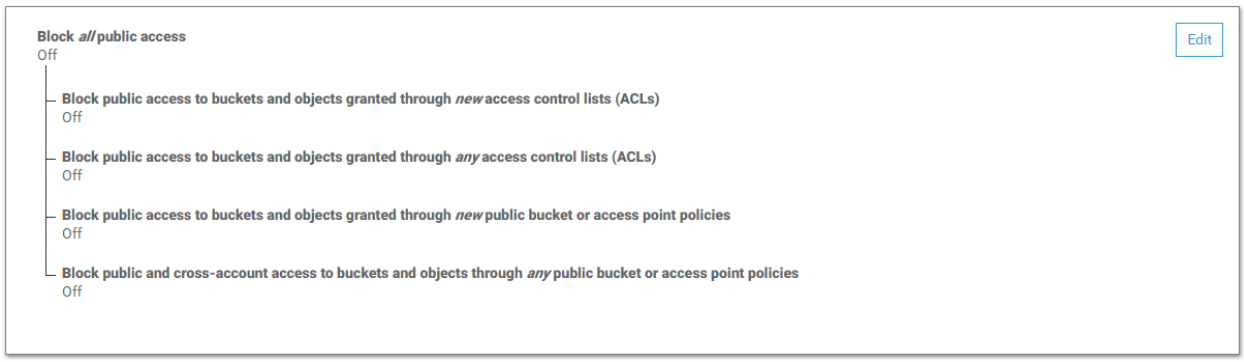




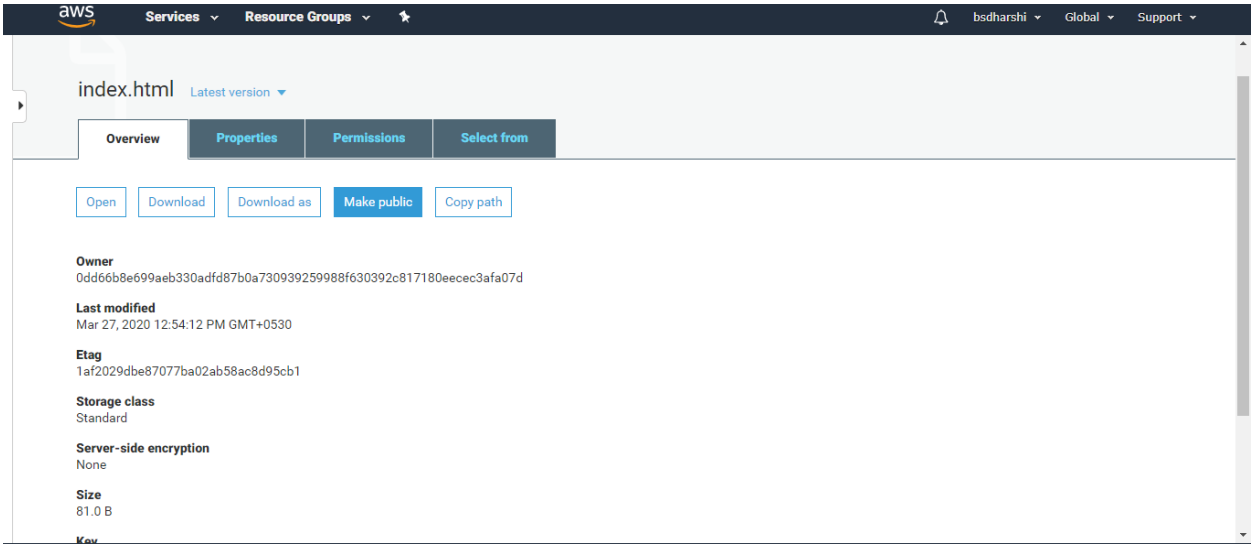
Step: 3 In property tab select static website hosting and enter the document name and save it.



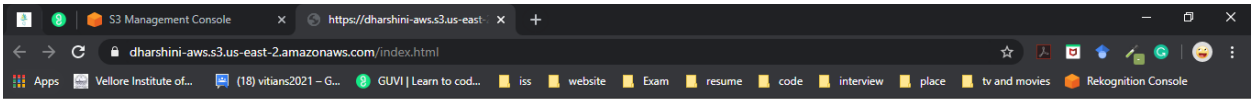
Step: 4 In permission tab off the block public access.



Step: 5 In overview tab make the object as public.

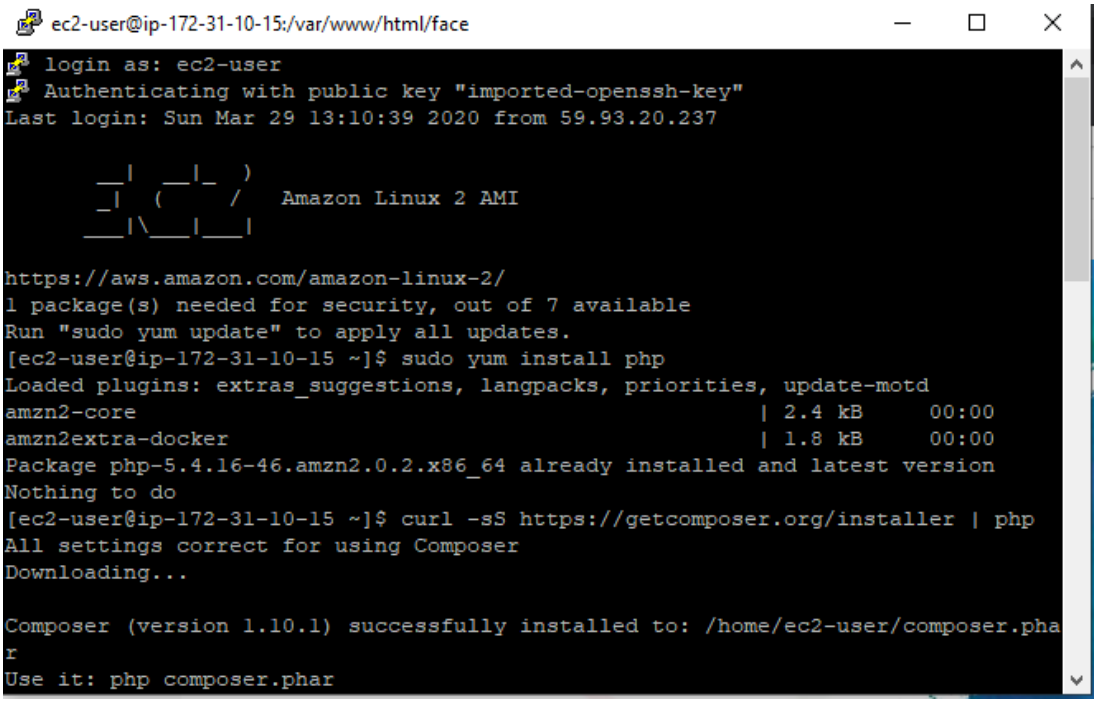


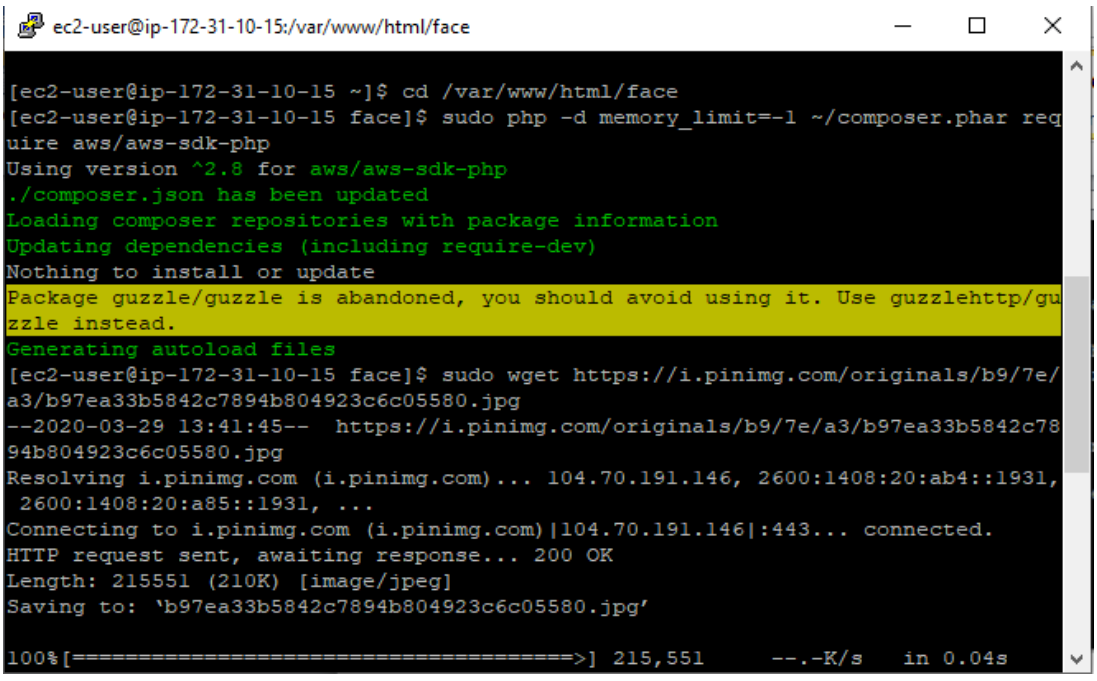
Step: 6 This is the website with url.

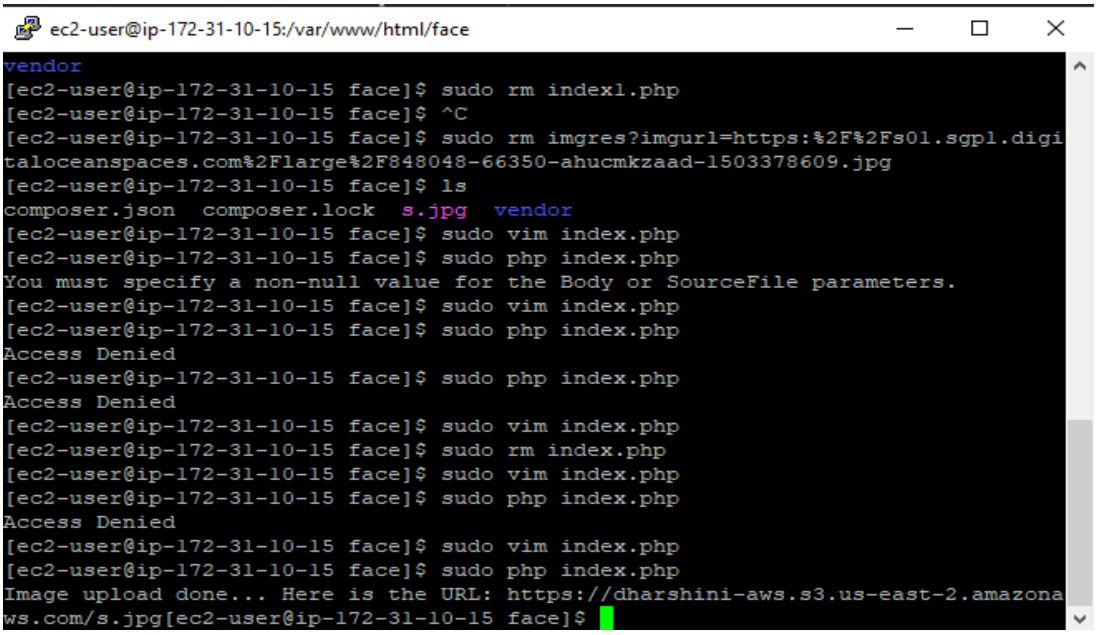


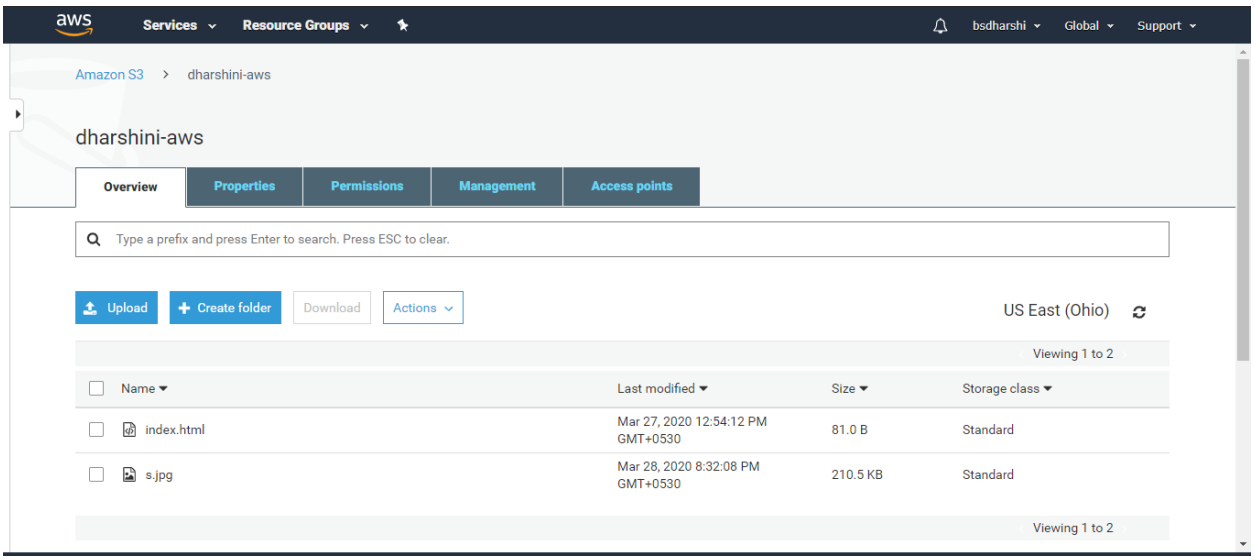
Hello ! I am Dharshin BS !! Studying in VIT, Vellore !!! MTech Integrated !!!!

4) EC2 and S3 Linking



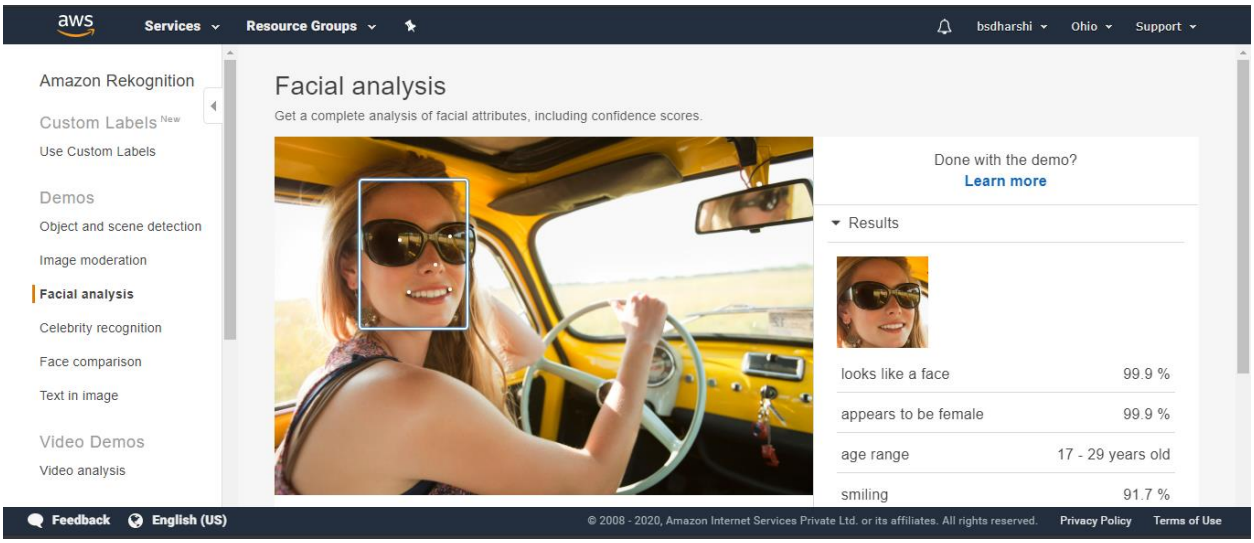




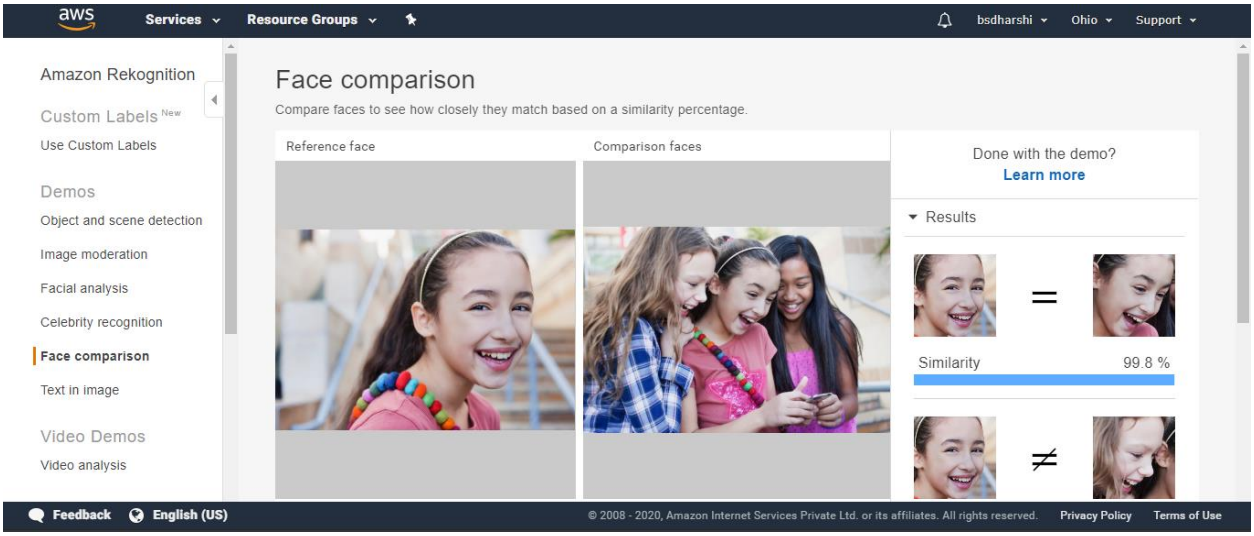


5) Rekognition

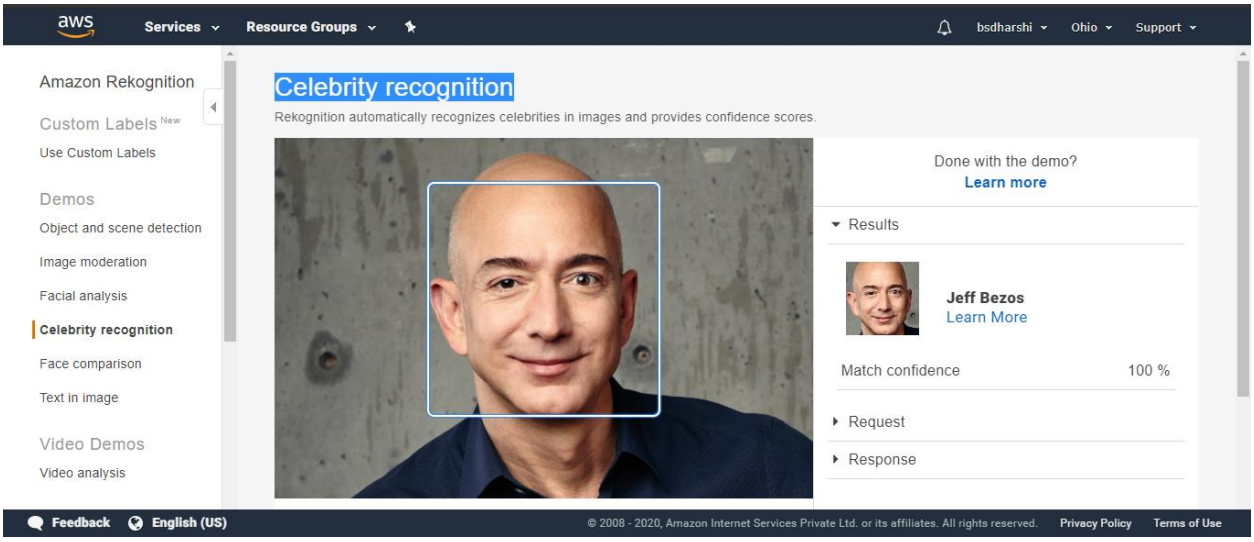
Face detection:



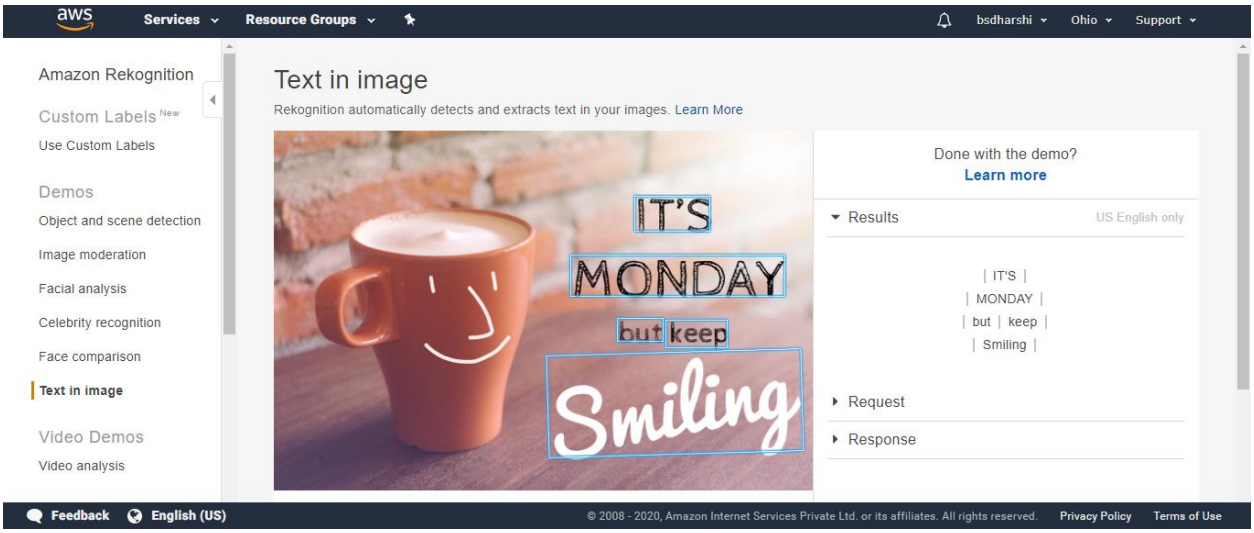
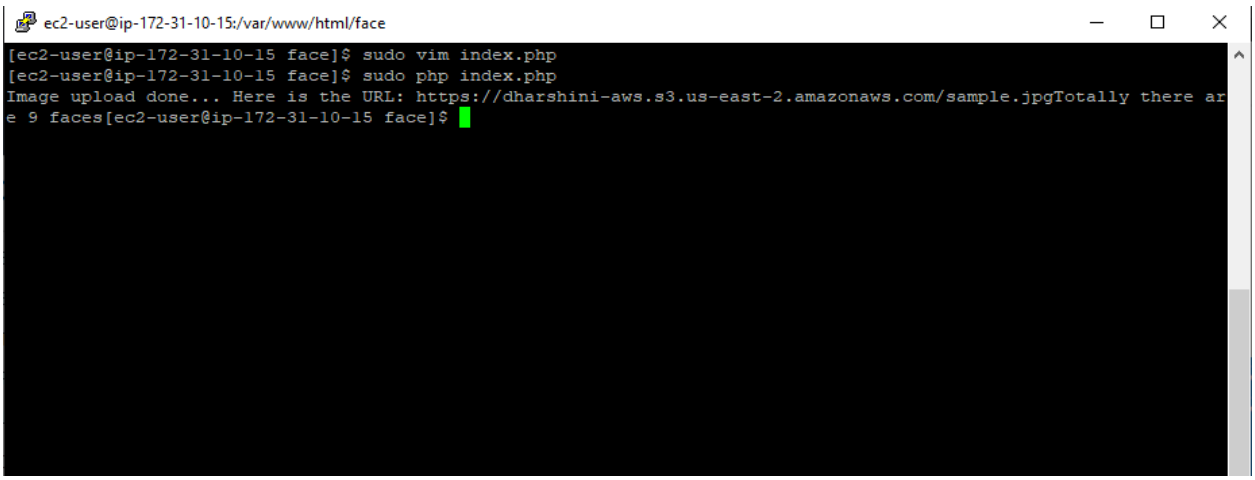
Face comparison:



Celebrity recognition:



Text in an image:



6) Face detection success: