Azure Kubernetes Services (AKS)

Project: **Grocery Management Web Application on Kubernetes.**

Azure Services: **Azure Kubernetes Service (AKS), Load Balancer, VMSS.**

External Services: **Docker, Git-Hub repository, Apache2, MariaDB, PHP and PHP MY-SQLI library.**

Web application:

1. Frontend: HTML, CSS, Java Script,
2. Backend: PHP,
3. Database: MariaDB,
4. Service: apache2.

Group Members:

1. Tejas Kapade,
2. Srushti Bidaye.

Content Covered in 6 Topics:

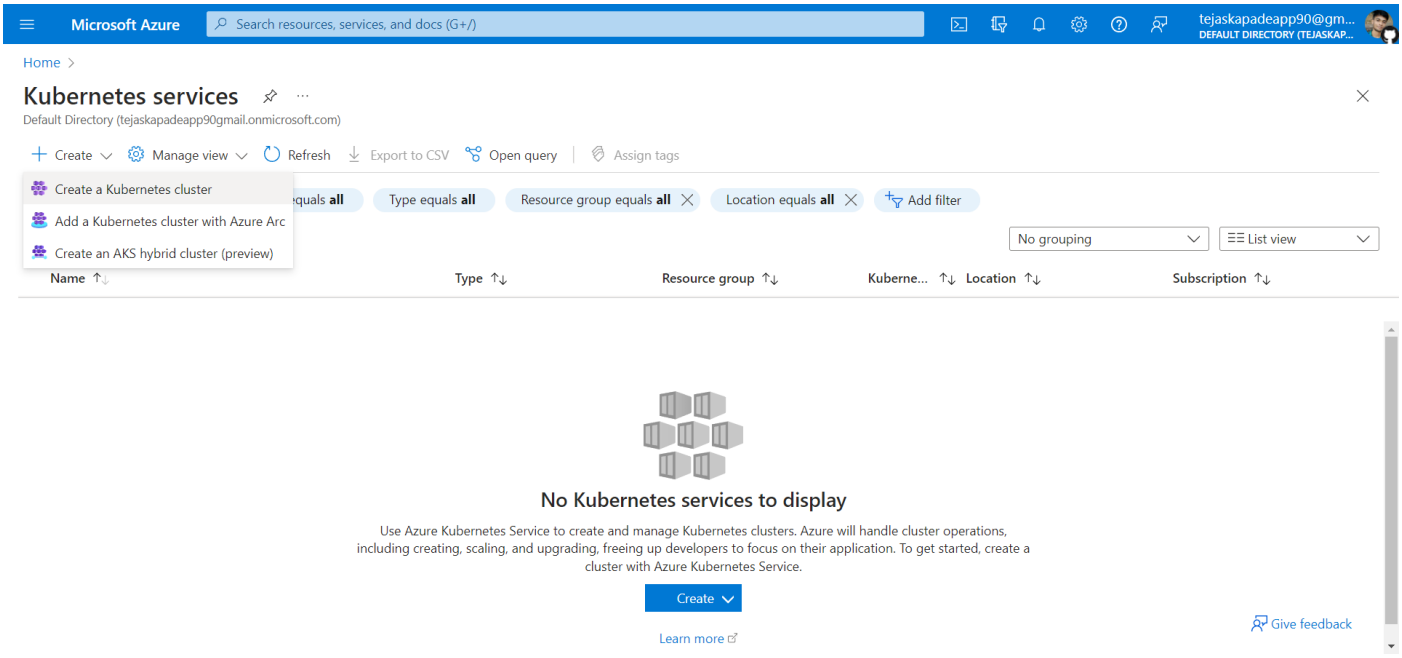
1. Starting Kubernetes (AKS) services, and making connection,
2. Deploying YAML file for Ubuntu and Database images using docker,
3. Installing important libraries and packages inside ubuntu image,
4. Downloading our web application from git-hub inside ubuntu image.
5. Deploying SQL DUMP file inside Database image to create tables and data,
6. Starting apache2 service.

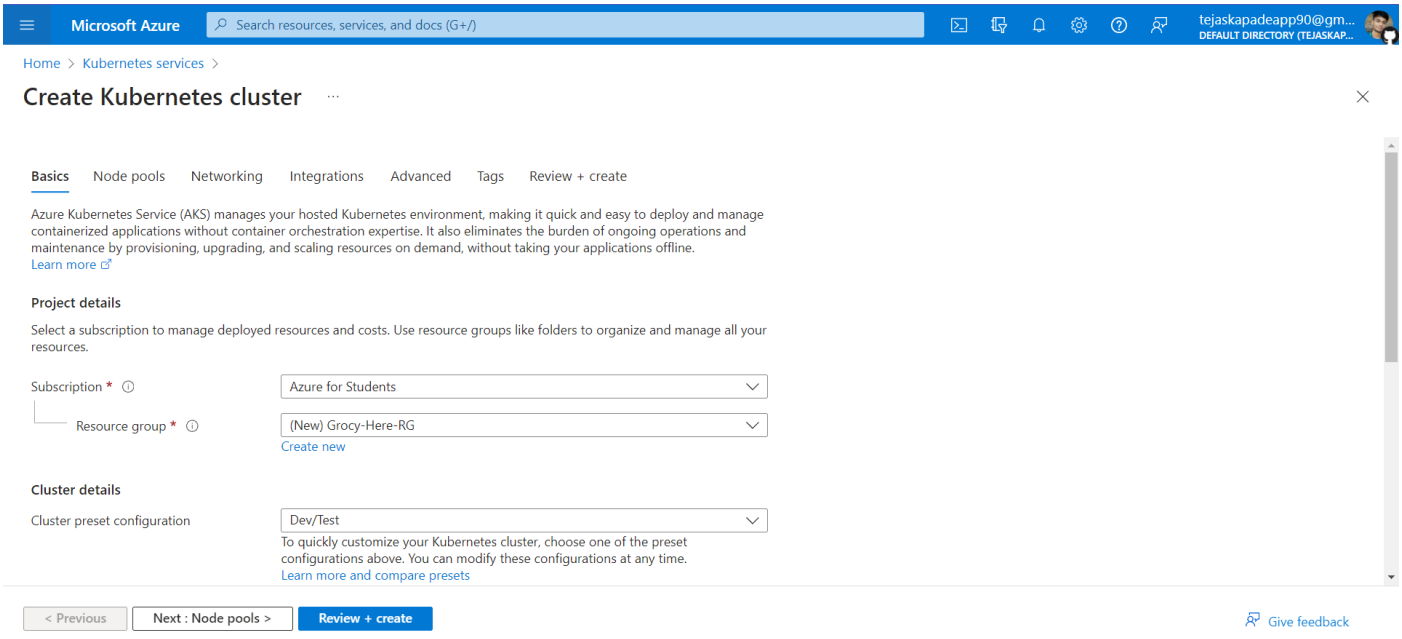
Information: *Every content of this project including web-application is genuine and created by us and we DON'T Followed any You-tube video or any resources for making this project, Thank-you.*

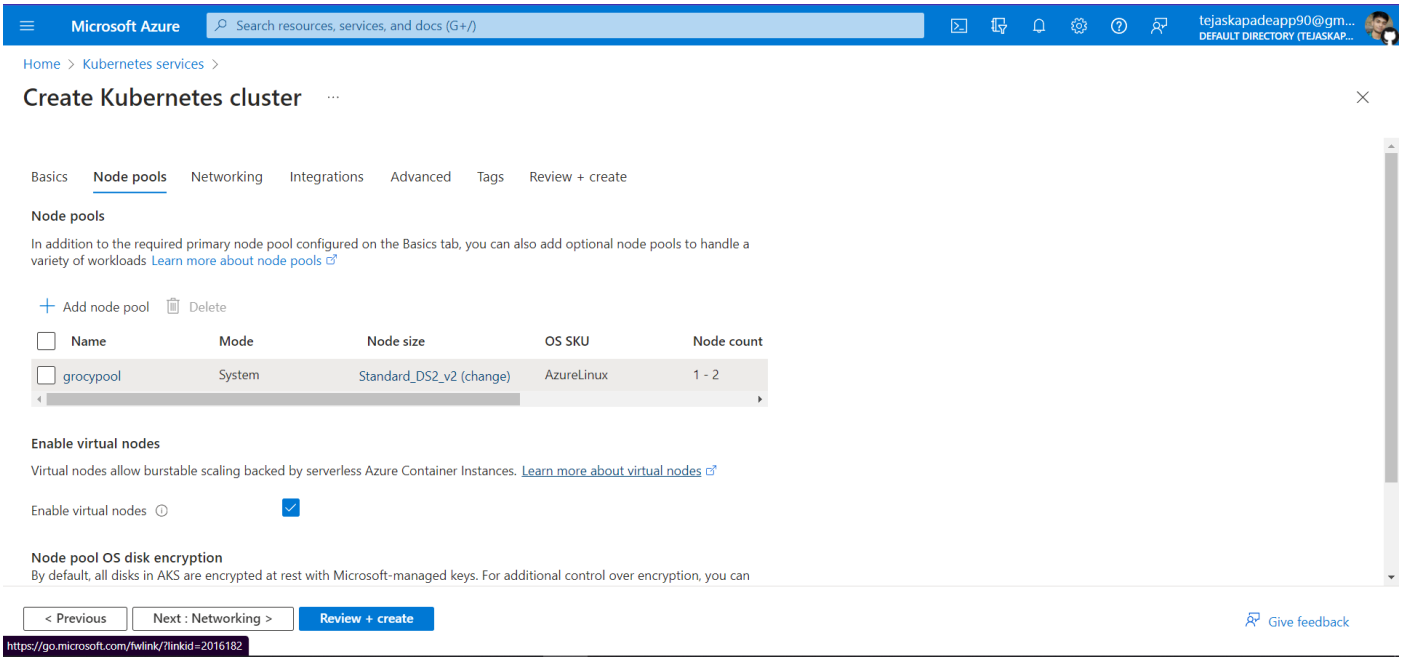
Step-By-Step Explanation:

Topic 1: Starting Kubernetes (AKS) services, and making connection

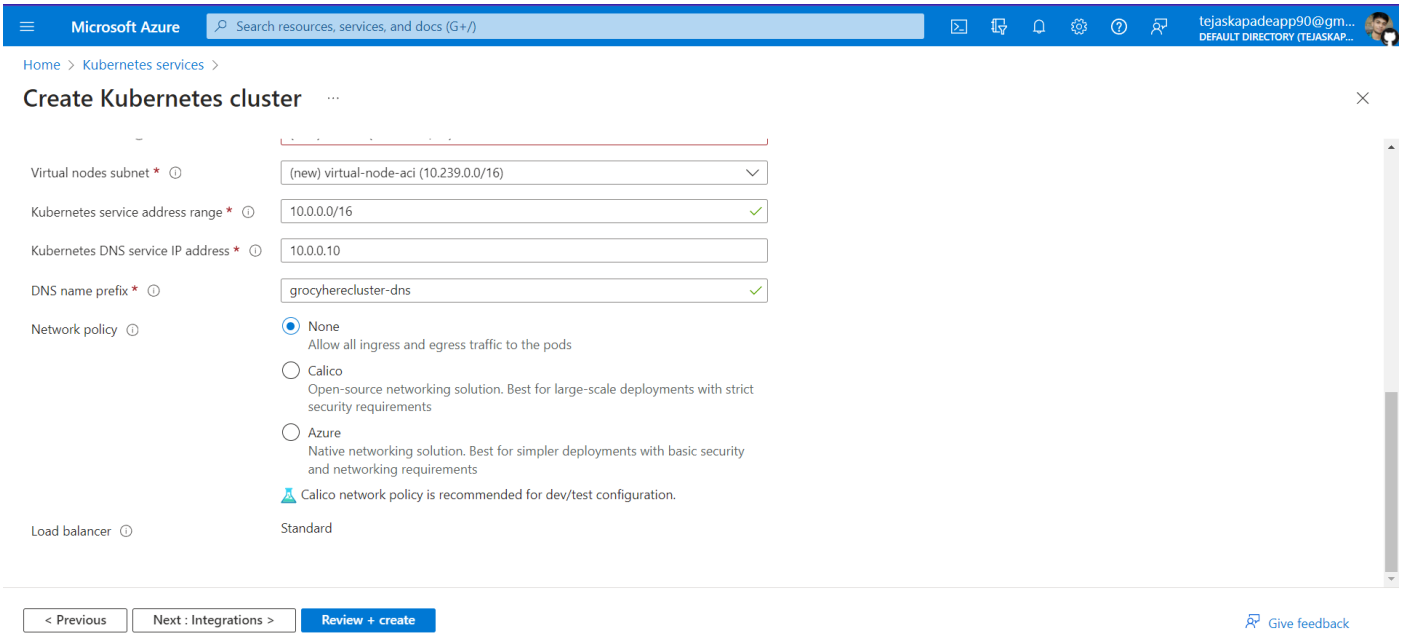
1. We will start from making Kubernetes cluster.



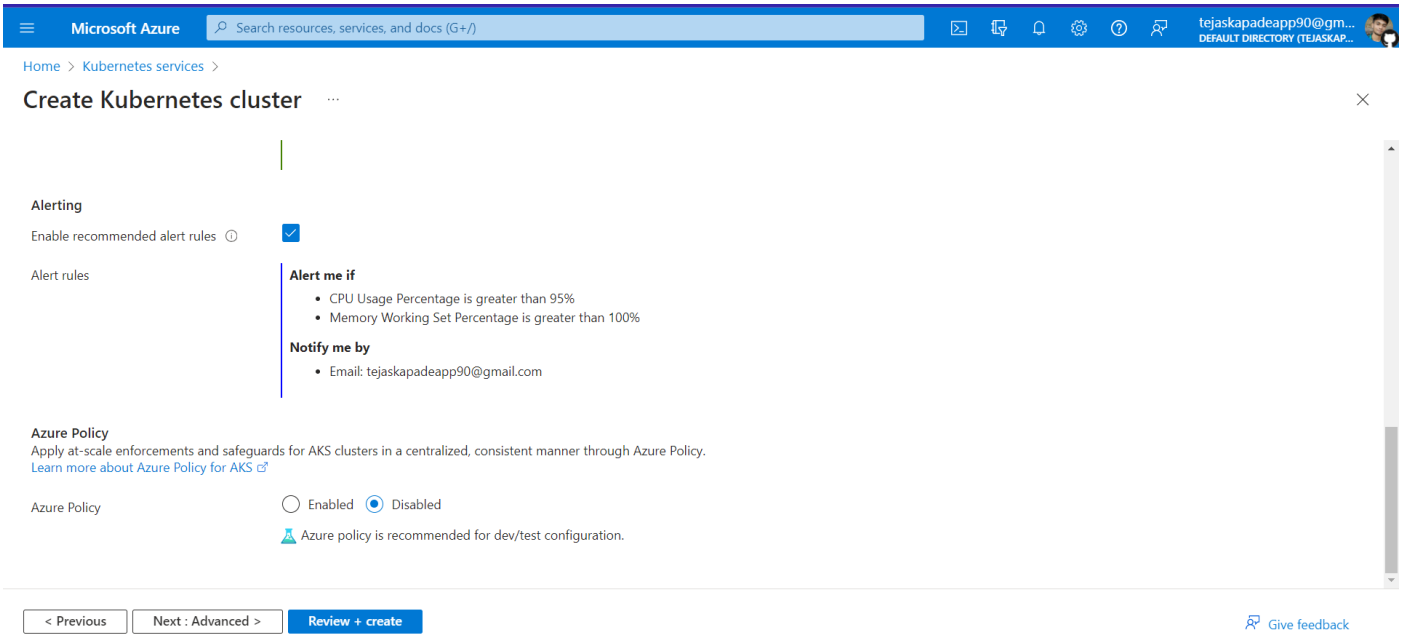


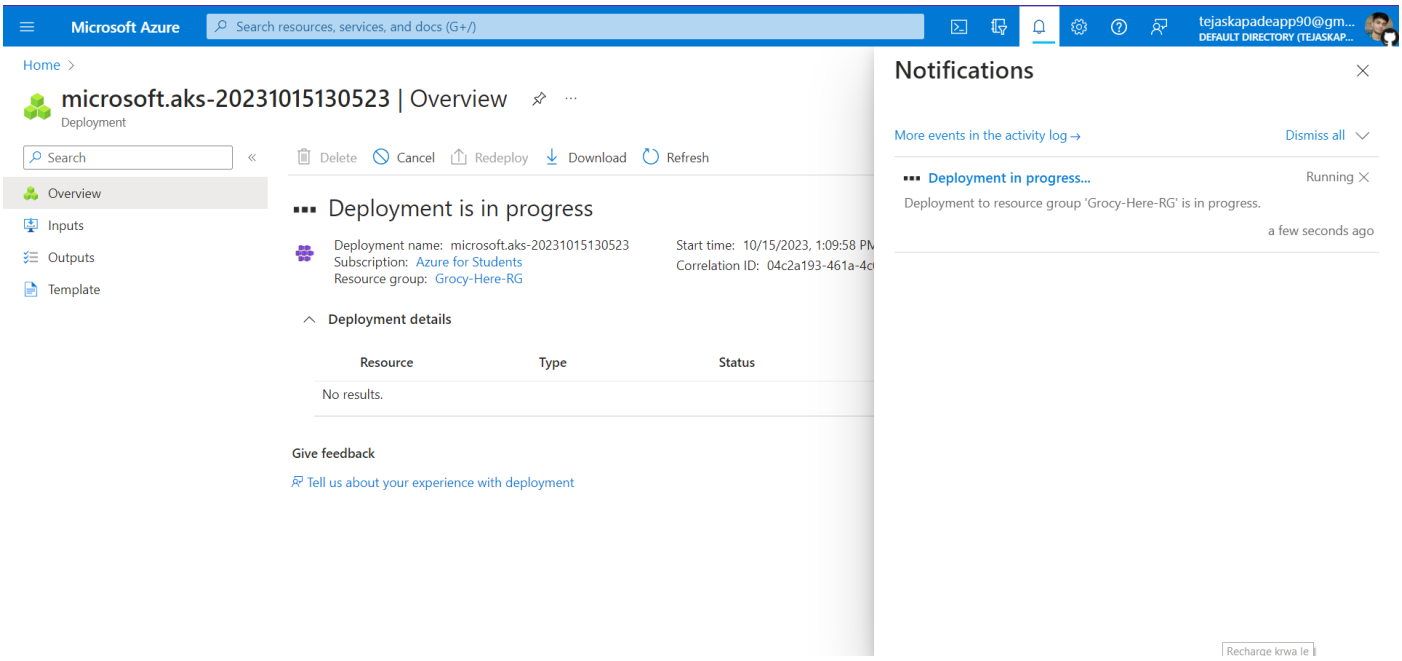


2. We select None for Network policy to allow all traffic.

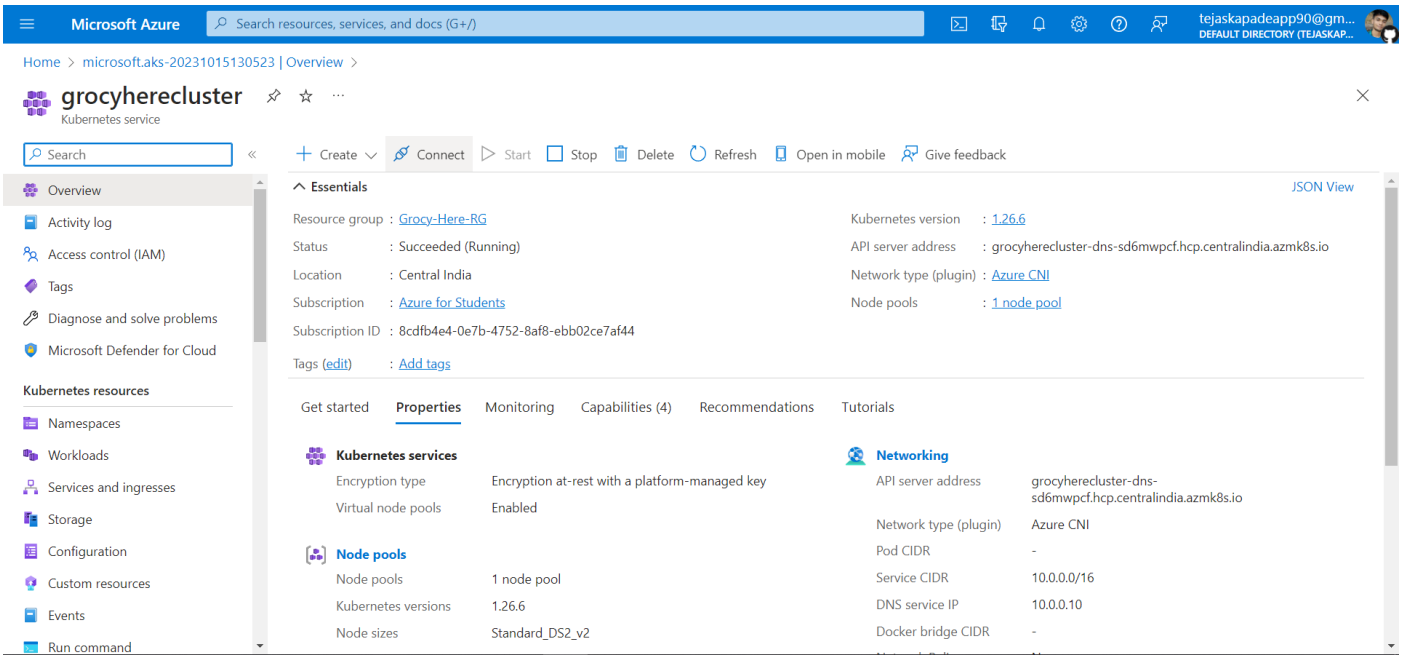


3. Alerting is enabled with specified Email address will be used to notify me.

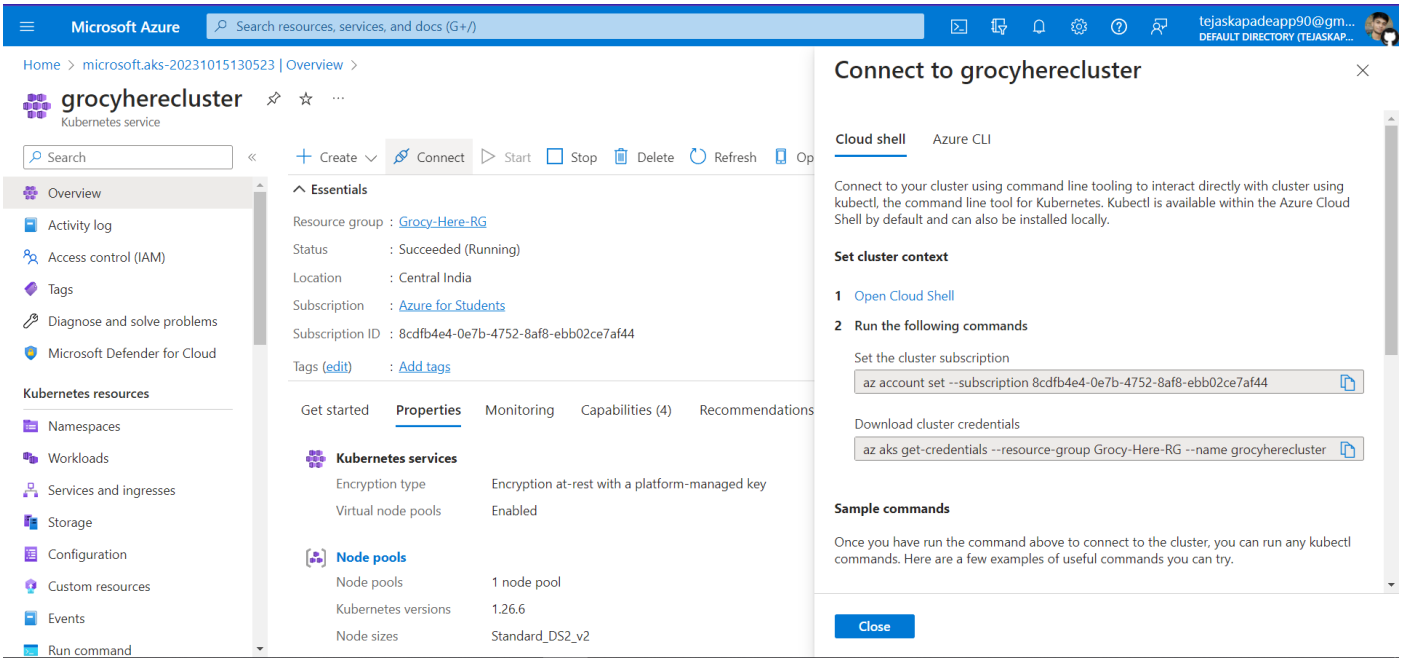




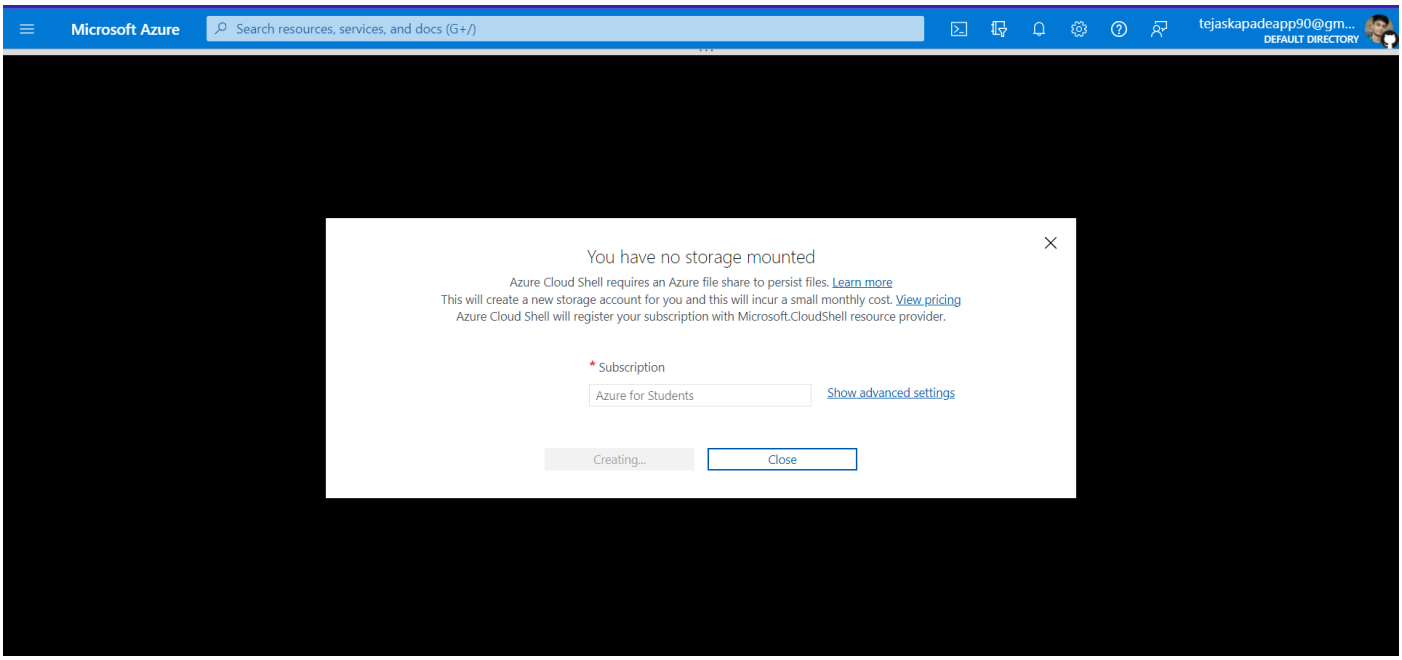
4. Let’s connect to AKS



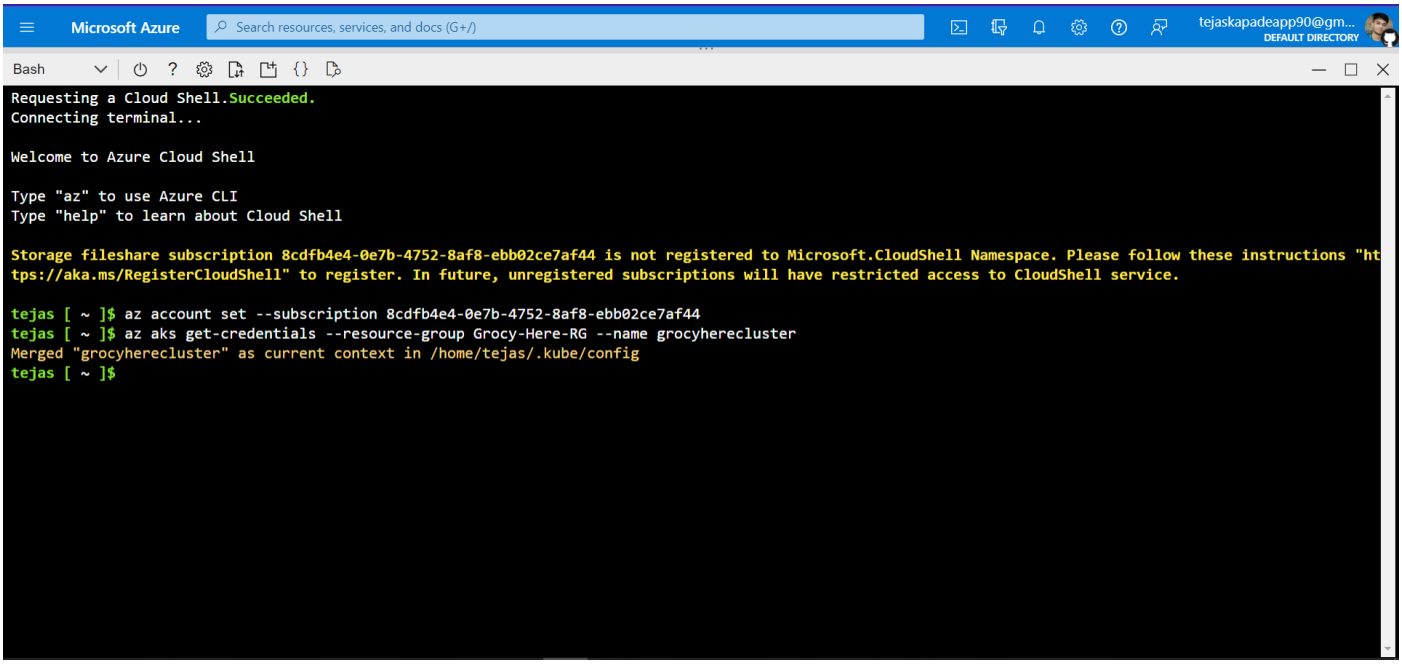
We will copy both commands to authentication in CLI.



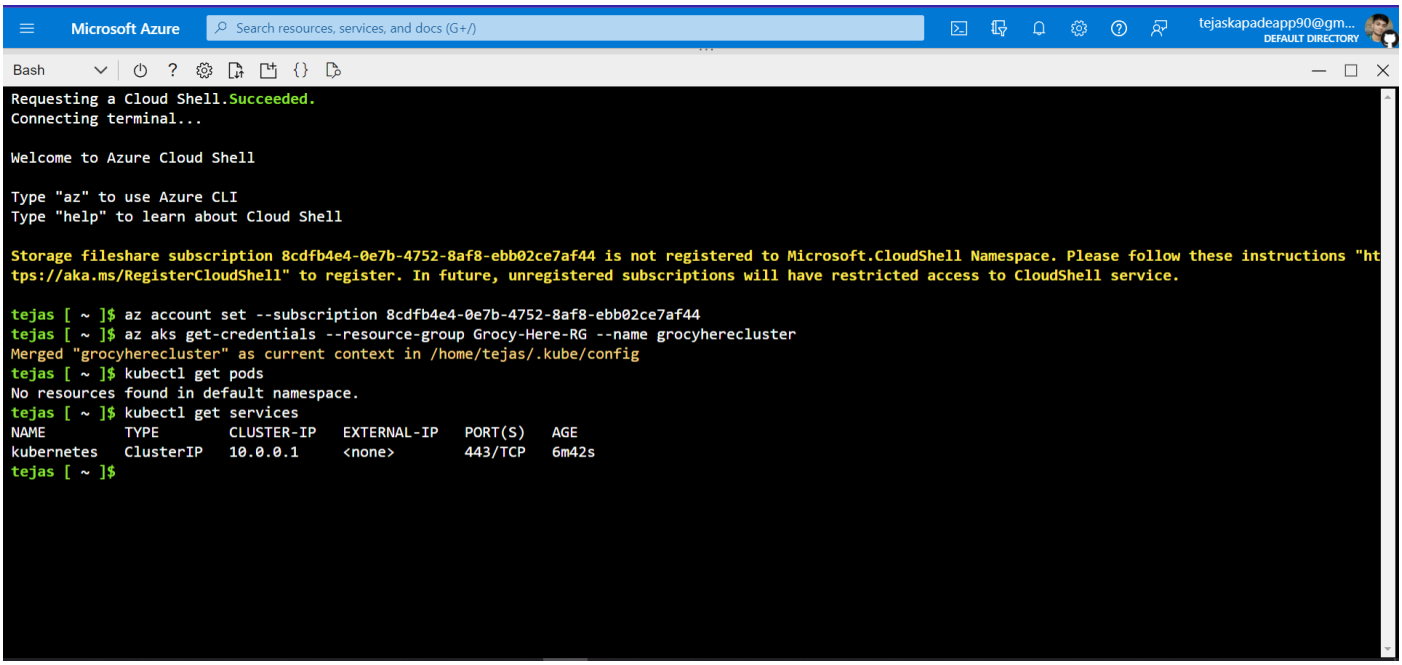
5. We will start shell inside Azure portal using storage.



6. We will paste those 2 commands to connect it with my subscription and Kubernetes cluster.



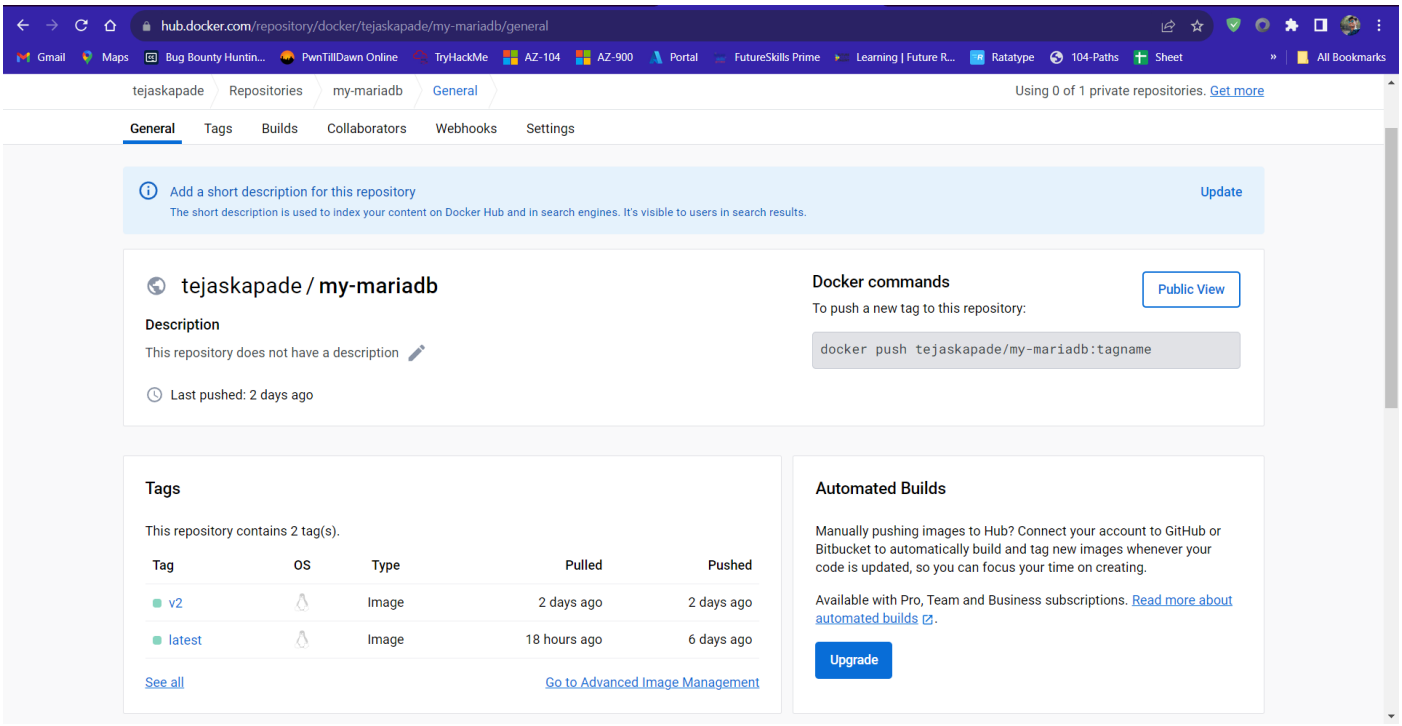
7. Let’s see services and pods, we will see default service.



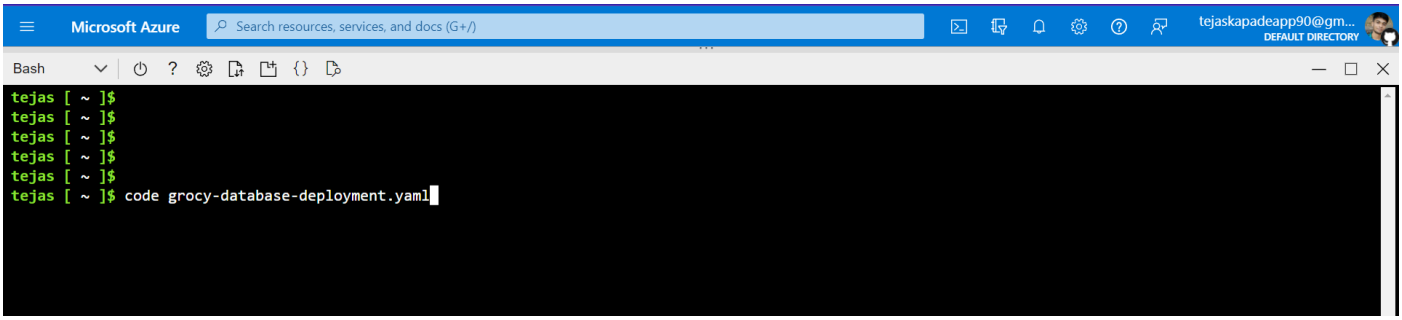
Topic 2: Deploying YAML file for Ubuntu and Database images using docker

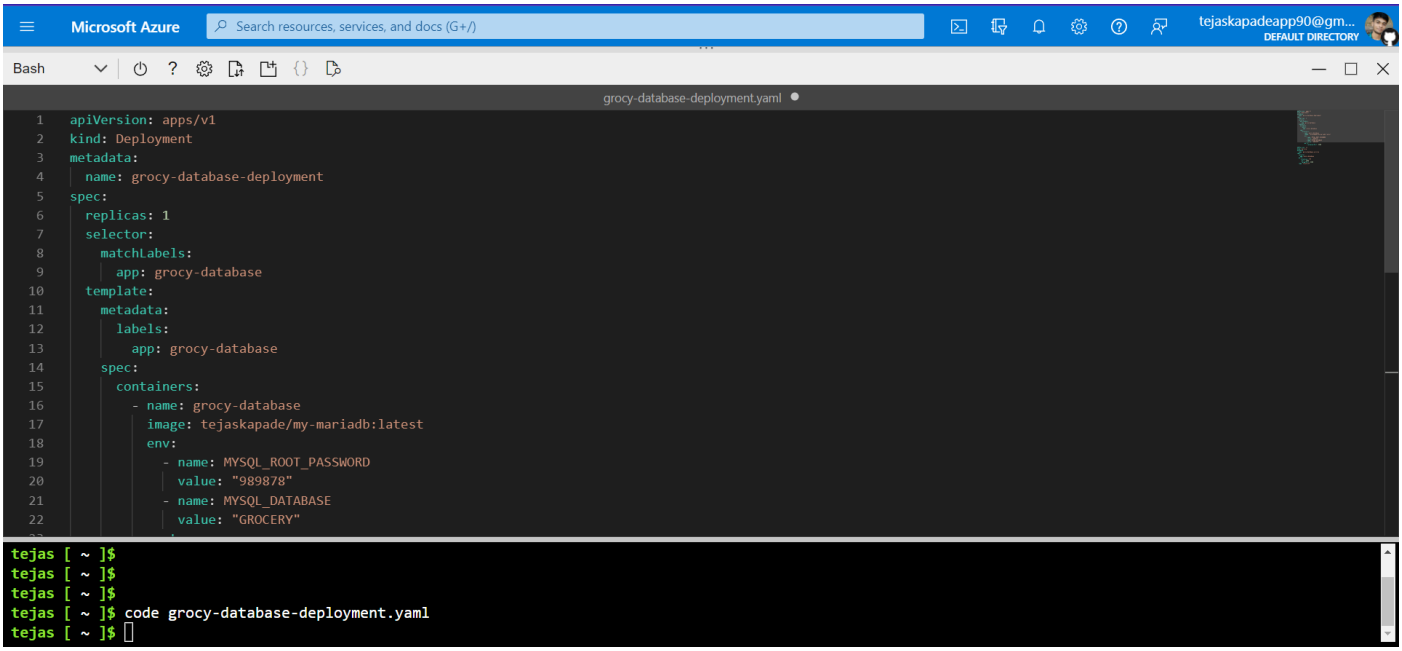
Steps:

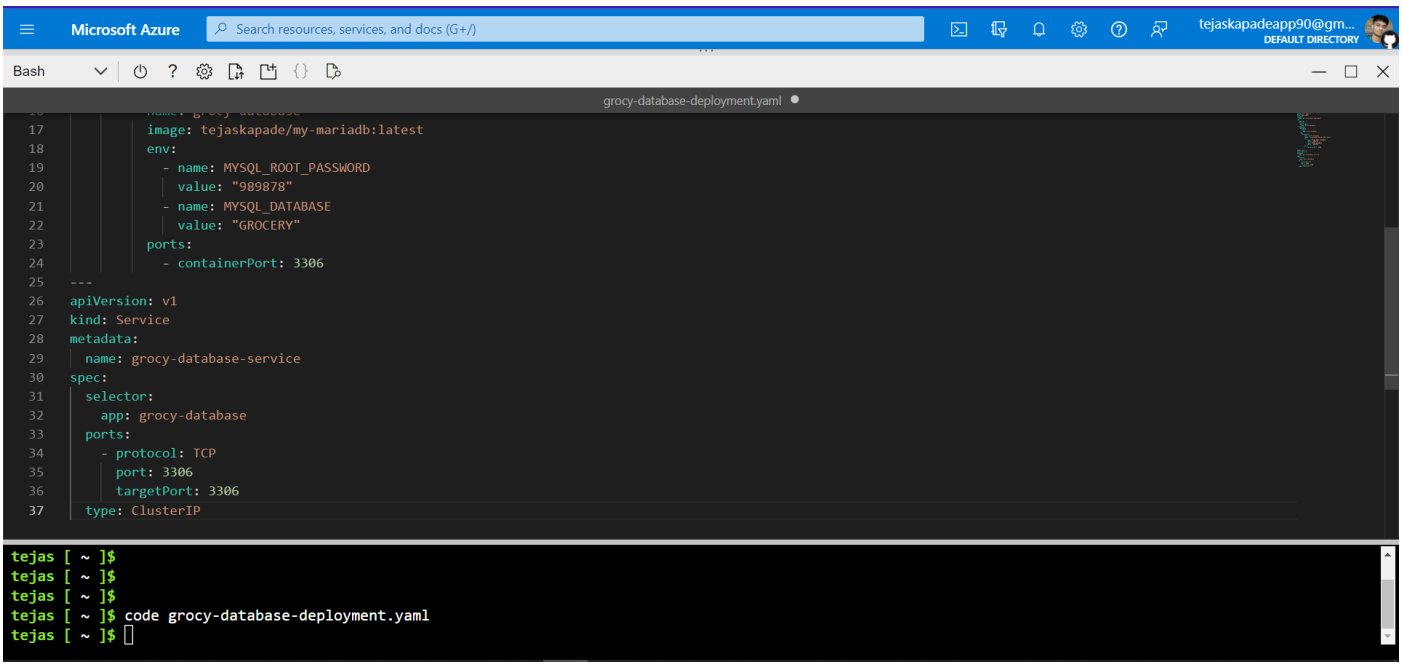
1. We created my-mariadb image inside docker. Using command: ‘docker push tejaskapade/my-mariadb:latest’



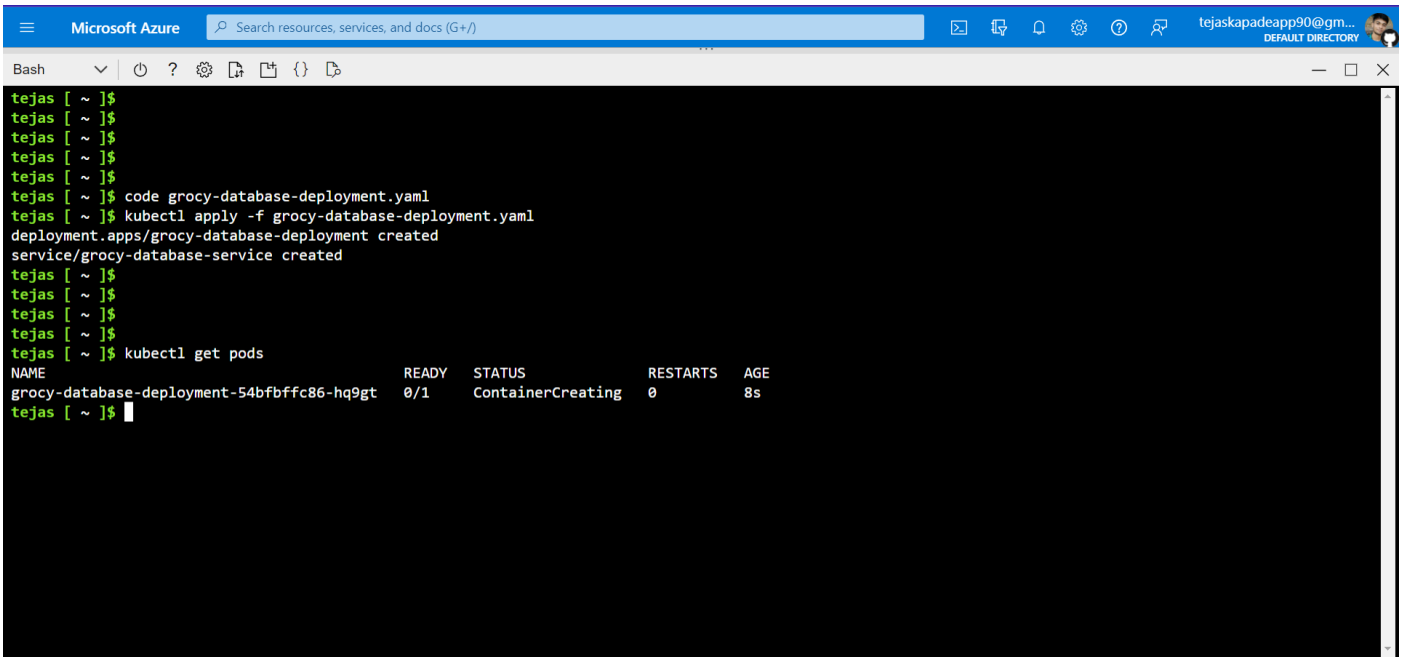
2. Let’s deploy yaml file for mariadb image inside Kubernetes:



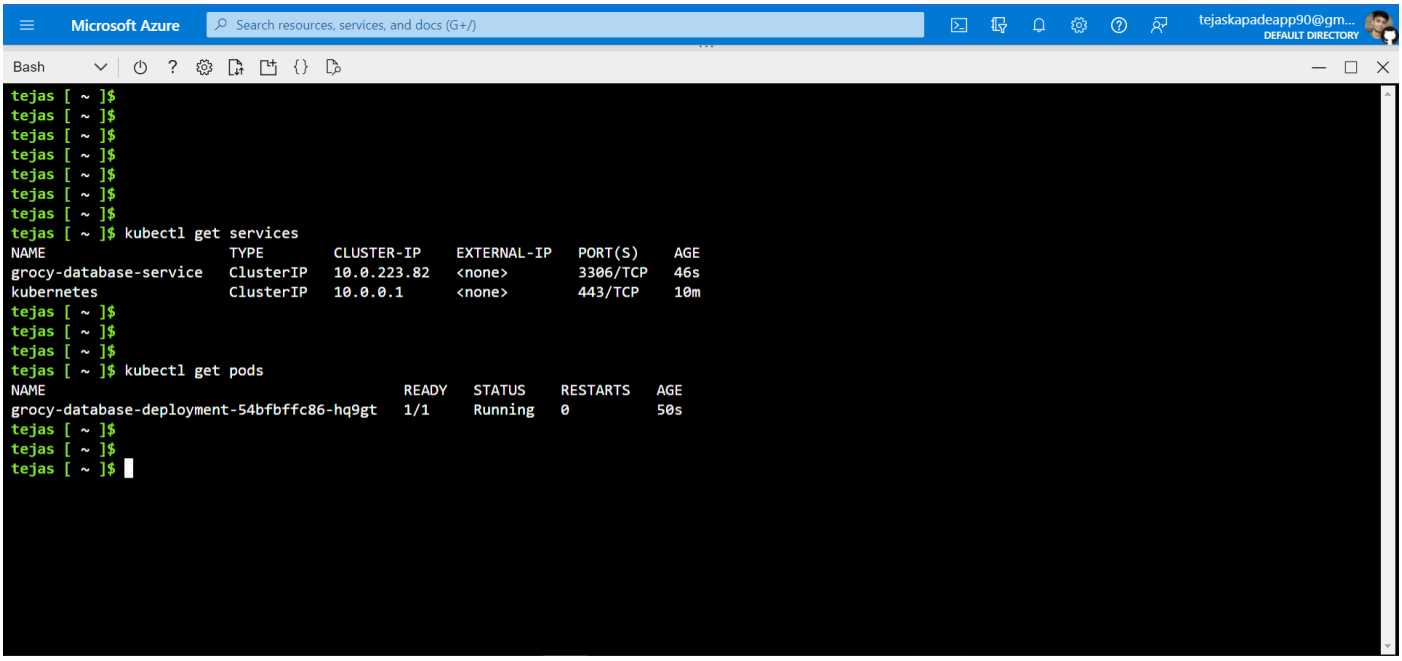

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY
Bash
grocy-database-deployment.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
name: grocy-database-deployment
spec:
replicas: 1
selector:
matchLabels:
app: grocy-database
template:
metadata:
labels:
app: grocy-database
spec:
containers:
- name: grocy-database
image: tejaskapade/my-mariadb:latest
env:
- name: MYSQL_ROOT_PASSWORD
value: "989878"
- name: MYSQL_DATABASE
value: "GROCERY"
tejas [~]$
tejas [~]$
tejas [~]$
tejas [~]$ code grocy-database-deployment.yaml
tejas [~]$


Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY
Bash
grocy-database-deployment.yaml
image: tejaskapade/my-mariadb:latest
env:
- name: MYSQL_ROOT_PASSWORD
value: "989878"
- name: MYSQL_DATABASE
value: "GROCERY"
ports:
- containerPort: 3306
---
apiVersion: v1
kind: Service
metadata:
name: grocy-database-service
spec:
selector:
app: grocy-database
ports:
- protocol: TCP
port: 3306
targetPort: 3306
type: ClusterIP
tejas [~]$
tejas [~]$
tejas [~]$
tejas [~]$ code grocy-database-deployment.yaml
tejas [~]$

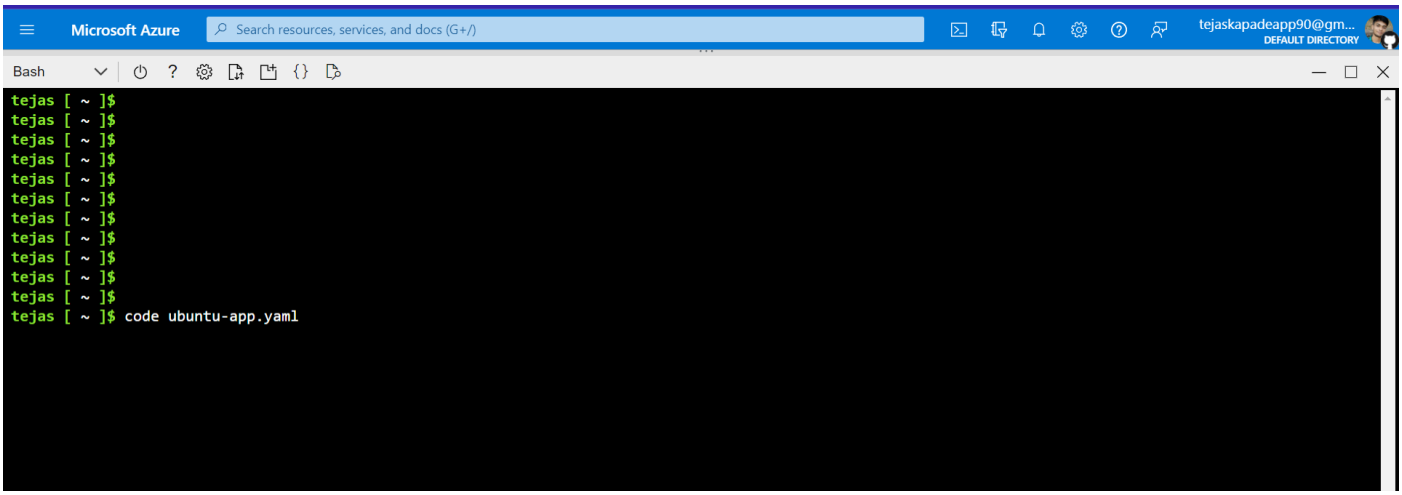
3. Lets apply it and see the pods:



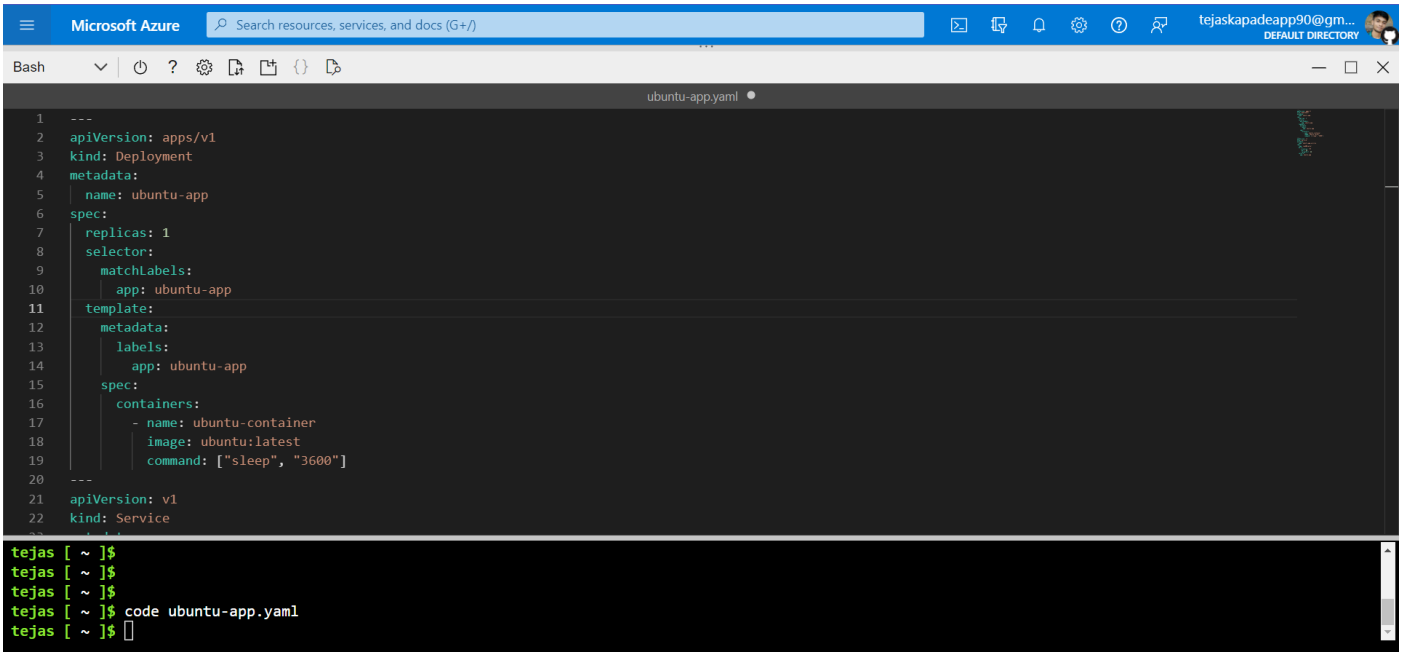
4. We can se the database pod is running now.



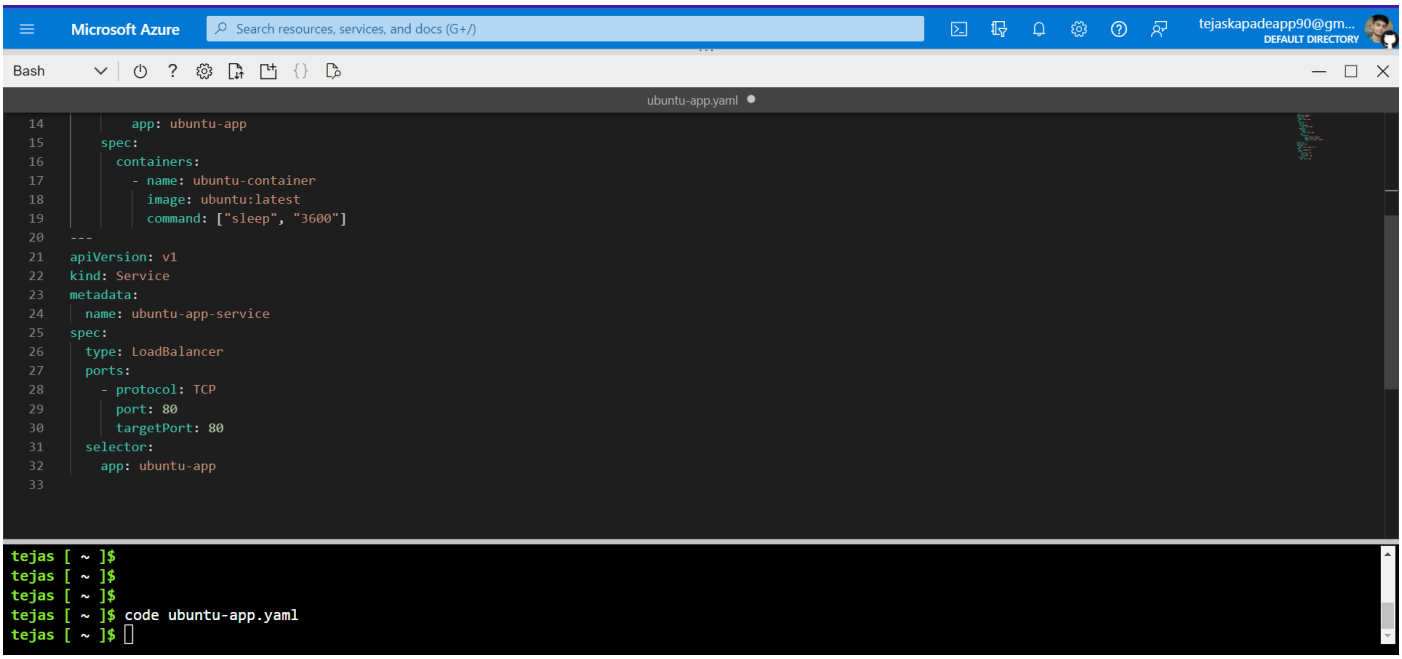
5. Now let's repeat same process for installing image of Ubuntu.



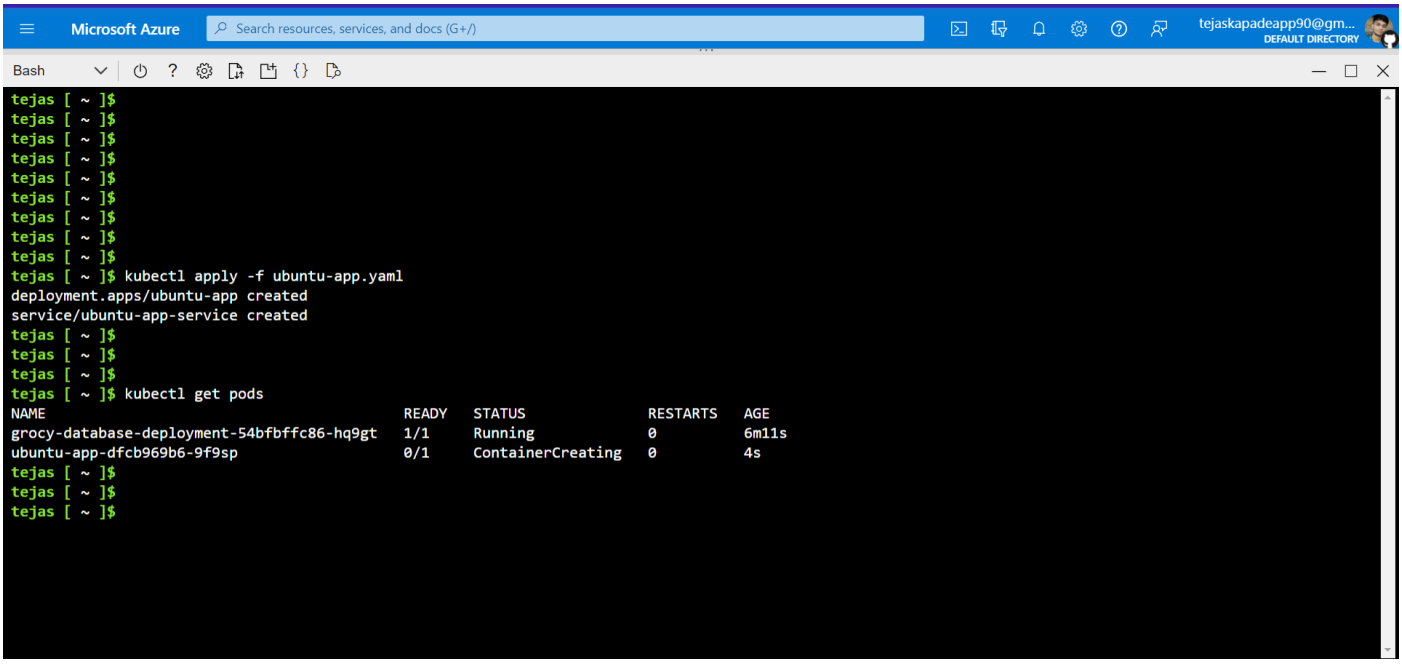
6. We created this yaml file to get official ubuntu image from docker:



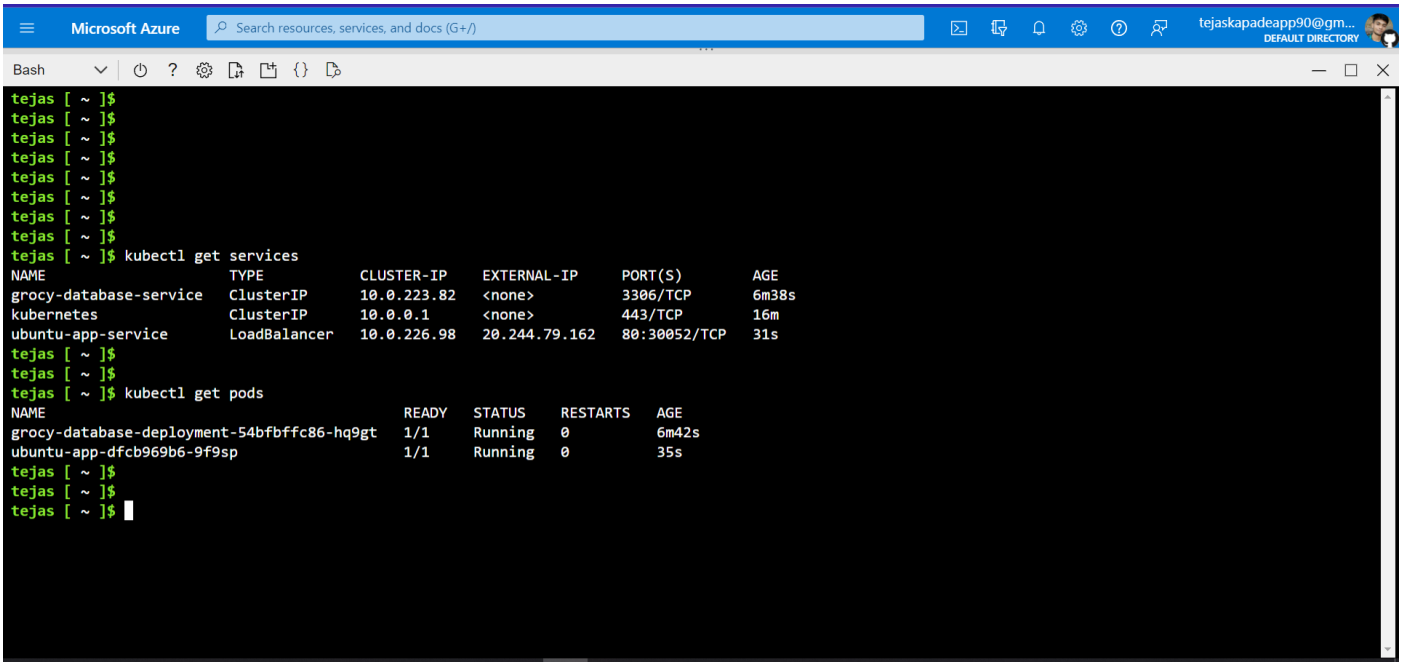
7. Also configured Load Balance on port 80 to enable traffic.



8. Now apply the code and see the pods:



9. Now ubuntu is available and running with external Ip address.



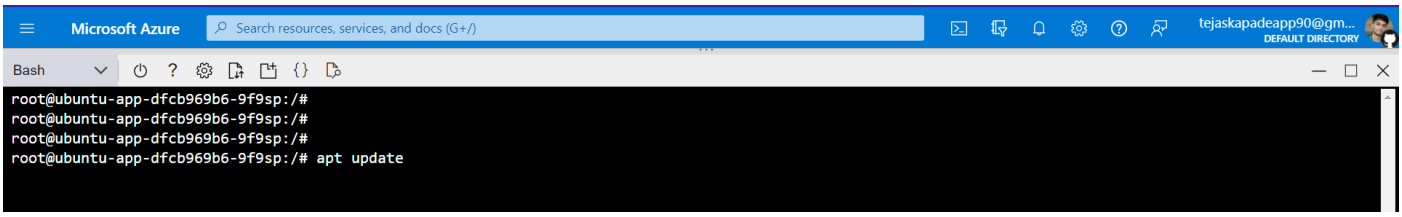
Topic 3: Installing important libraries and packages inside ubuntu image

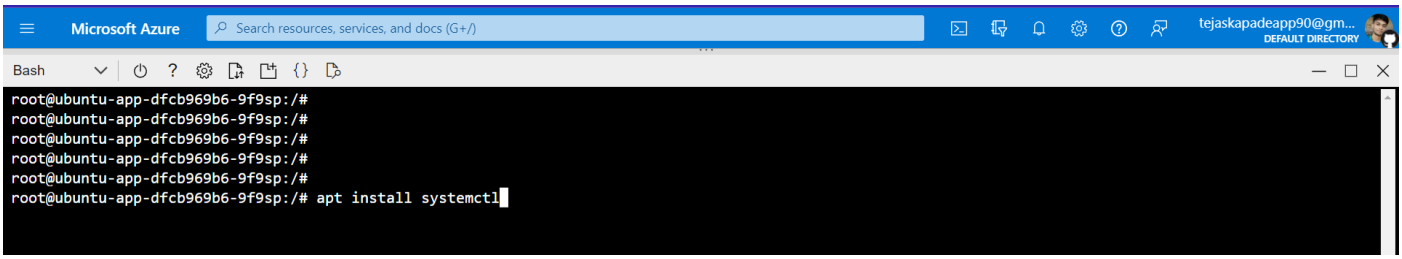
Steps:

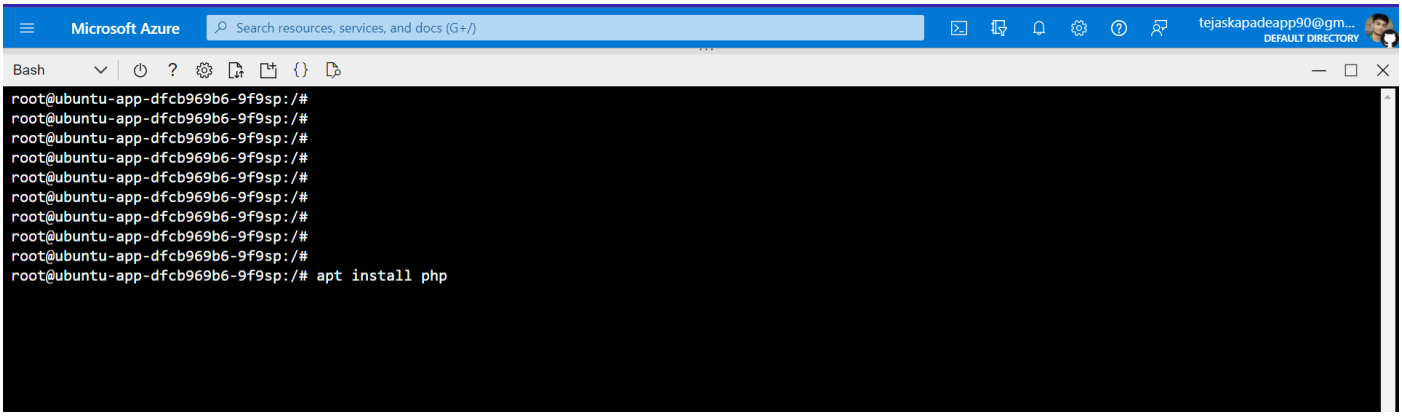
1. Let's execute the command line for ubuntu:

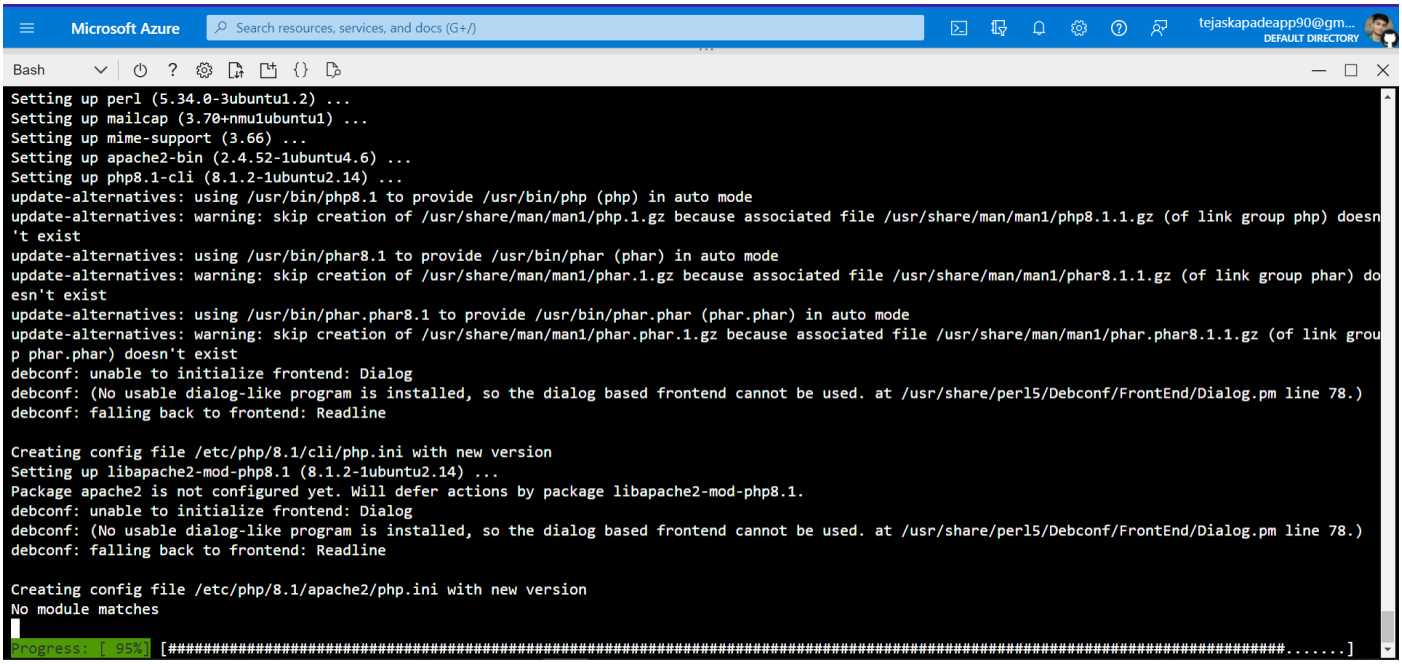
```
tejas [ ~ ]$
tejas [ ~ ]$
tejas [ ~ ]$ kubectl exec -it ubuntu-app-dfcb969b6-9f9sp -- /bin/bash
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/# hostname
ubuntu-app-dfcb969b6-9f9sp
root@ubuntu-app-dfcb969b6-9f9sp:/#
```

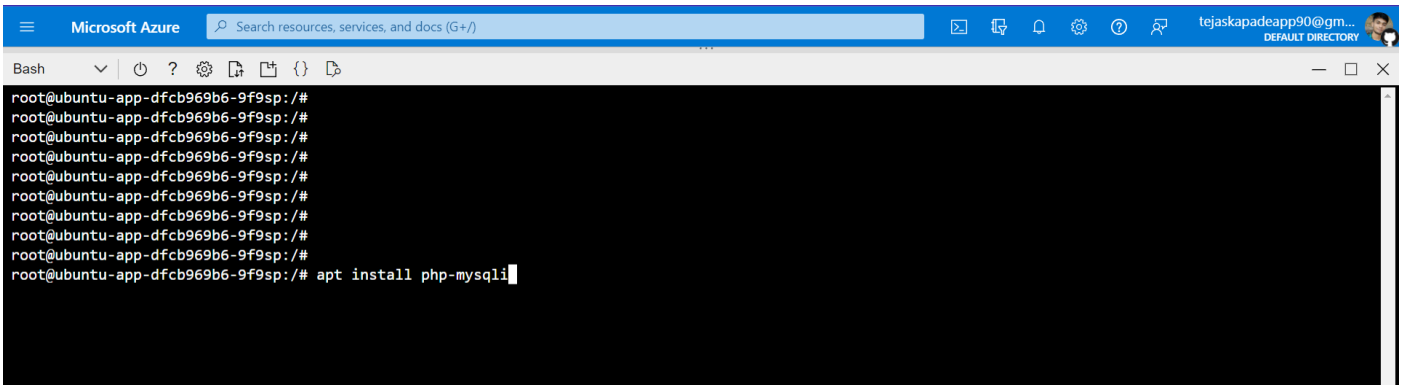
2. After getting inside ubuntu image CLI, now we can install all required packages and libraries:
   List of commands as follows:

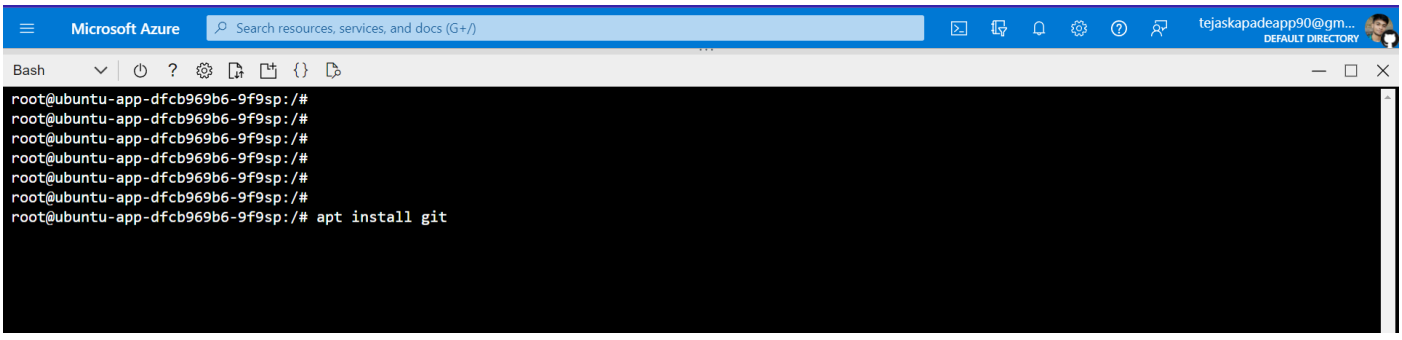


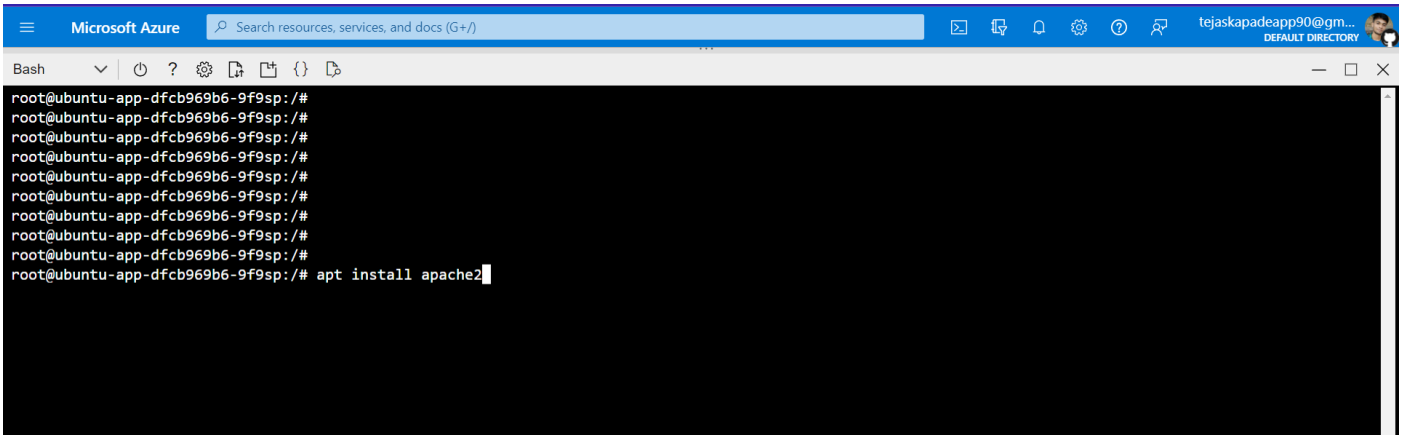




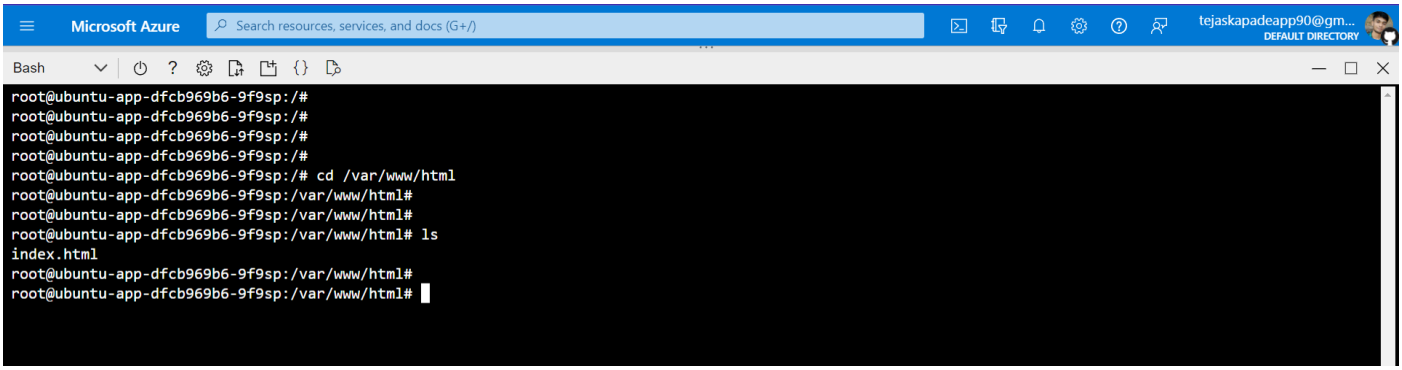

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY
Bash
Setting up perl (5.34.0-3ubuntu1.2) ...
Setting up mailcap (3.70+nmu1ubuntu1) ...
Setting up mime-support (3.66) ...
Setting up apache2-bin (2.4.52-1ubuntu4.6) ...
Setting up php8.1-cli (8.1.2-1ubuntu2.14) ...
update-alternatives: using /usr/bin/php8.1 to provide /usr/bin/php (php) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/php.1.gz because associated file /usr/share/man/man1/php8.1.1.gz (of link group php) doesn't exist
update-alternatives: using /usr/bin/phar8.1 to provide /usr/bin/phar (phar) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/phar.1.gz because associated file /usr/share/man/man1/phar8.1.1.gz (of link group phar) doesn't exist
update-alternatives: using /usr/bin/phar.phar8.1 to provide /usr/bin/phar.phar (phar.phar) in auto mode
update-alternatives: warning: skip creation of /usr/share/man/man1/phar.phar.1.gz because associated file /usr/share/man/man1/phar.phar8.1.1.gz (of link group phar.phar) doesn't exist
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 78.)
debconf: falling back to frontend: Readline
Creating config file /etc/php/8.1/cli/php.ini with new version
Setting up libapache2-mod-php8.1 (8.1.2-1ubuntu2.14) ...
Package apache2 is not configured yet. Will defer actions by package libapache2-mod-php8.1.
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 78.)
debconf: falling back to frontend: Readline
Creating config file /etc/php/8.1/apache2/php.ini with new version
No module matches
Progress: [95%] [###.....]

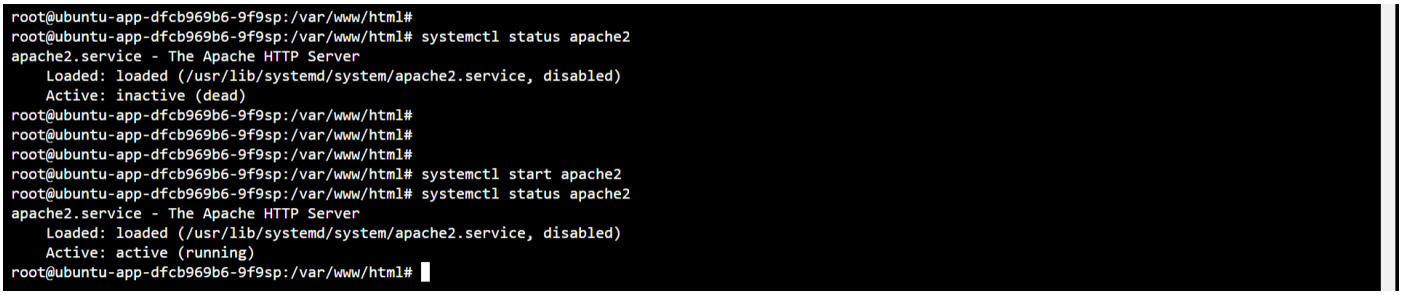

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY
Bash
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/# apt install php-mysqli

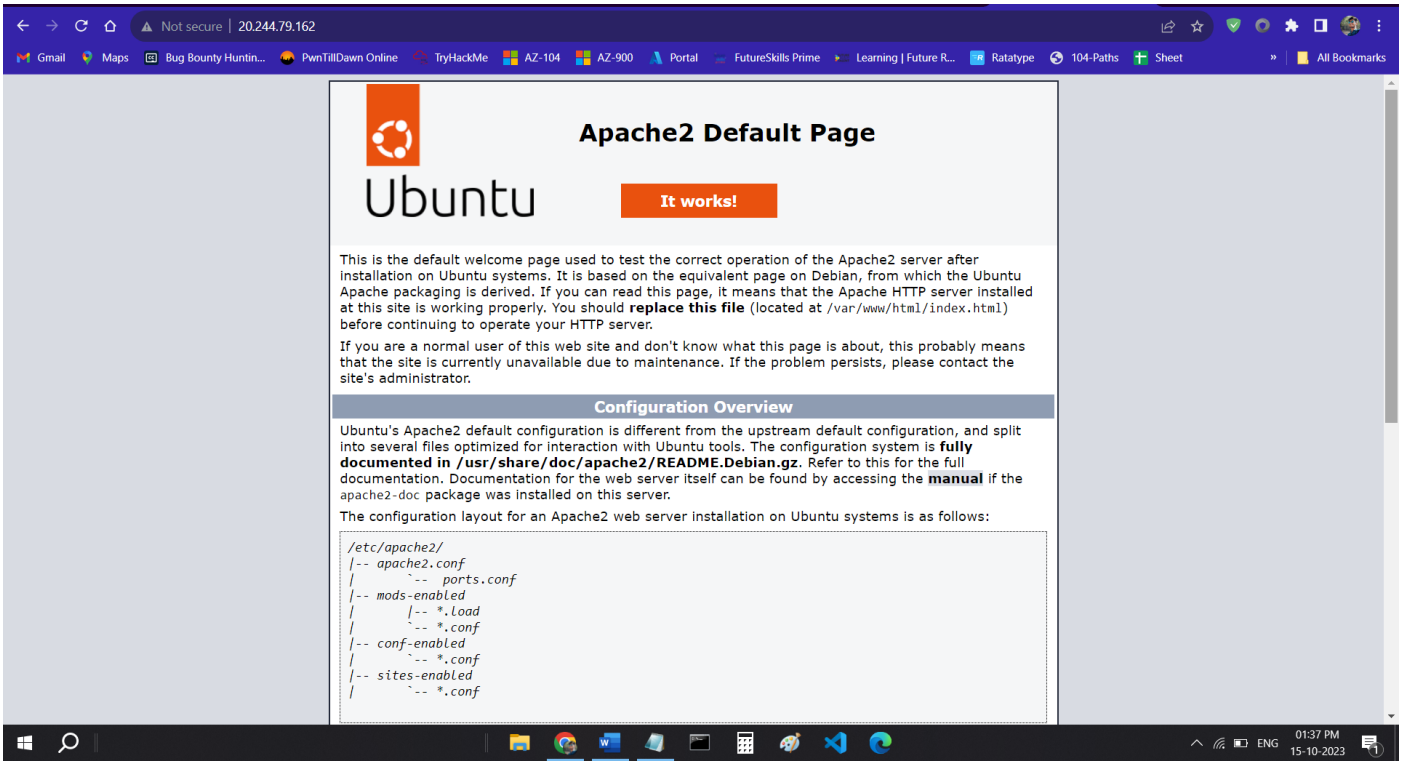

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY
Bash
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/#
root@ubuntu-app-dfcb969b6-9f9sp:/# apt install git



3. After finally installing apache2, we can now start apache server and see the default web page:

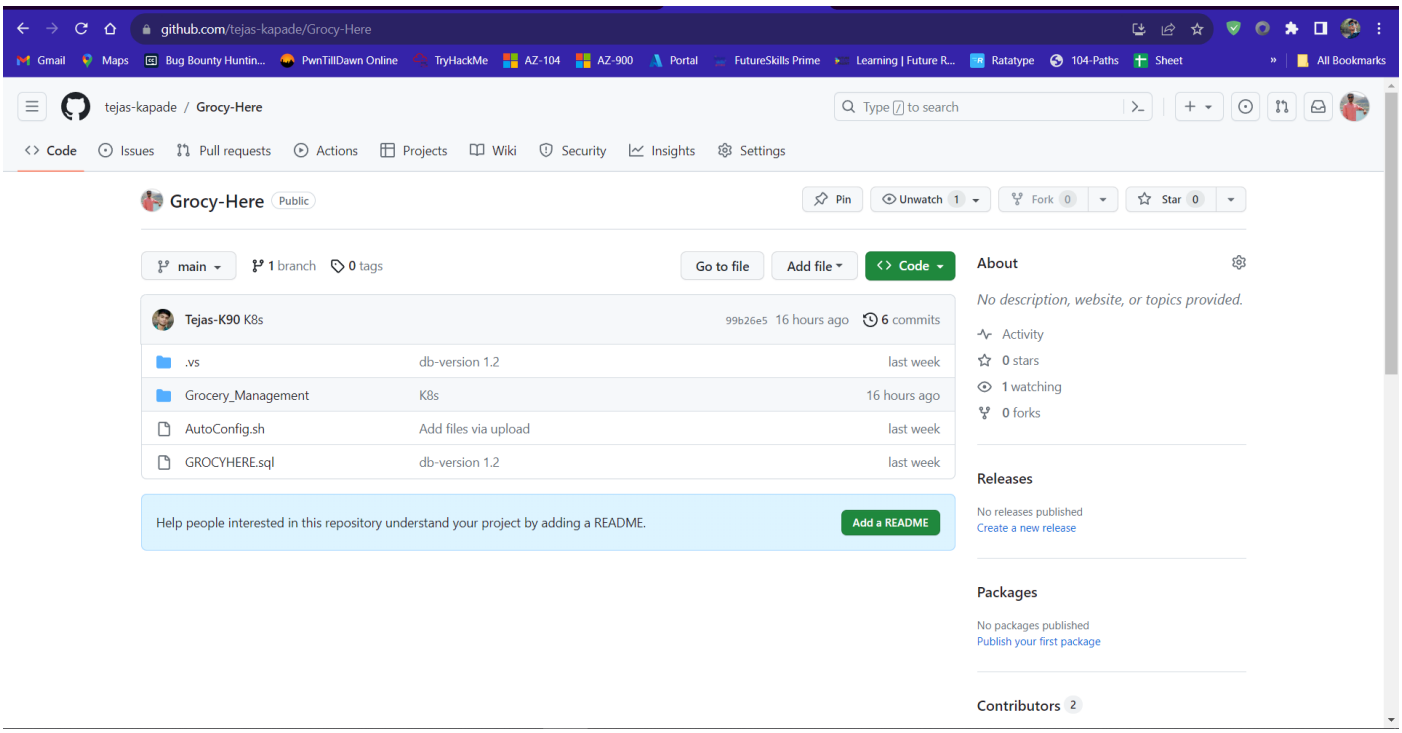


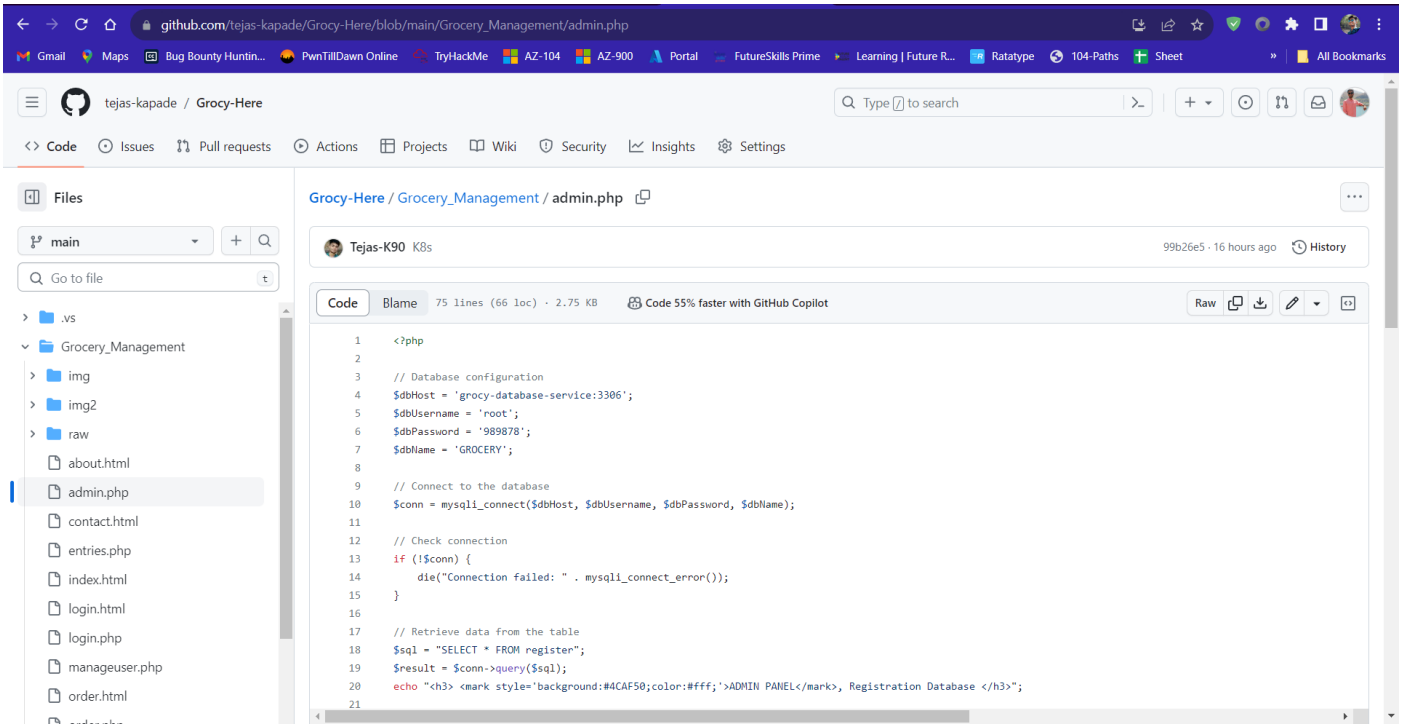



Not secure | 20.244.79.162
Gmail
Maps
Bug Bounty Huntin...
PwnTillDawn Online
TryHackMe
AZ-104
AZ-900
Portal
FutureSkills Prime
Learning | Future R...
Ratatype
104-Paths
Sheet
All Bookmarks
Apache2 Default Page
Ubuntu
It works!
This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.
Configuration Overview
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf
ENG
01:37 PM
15-10-2023

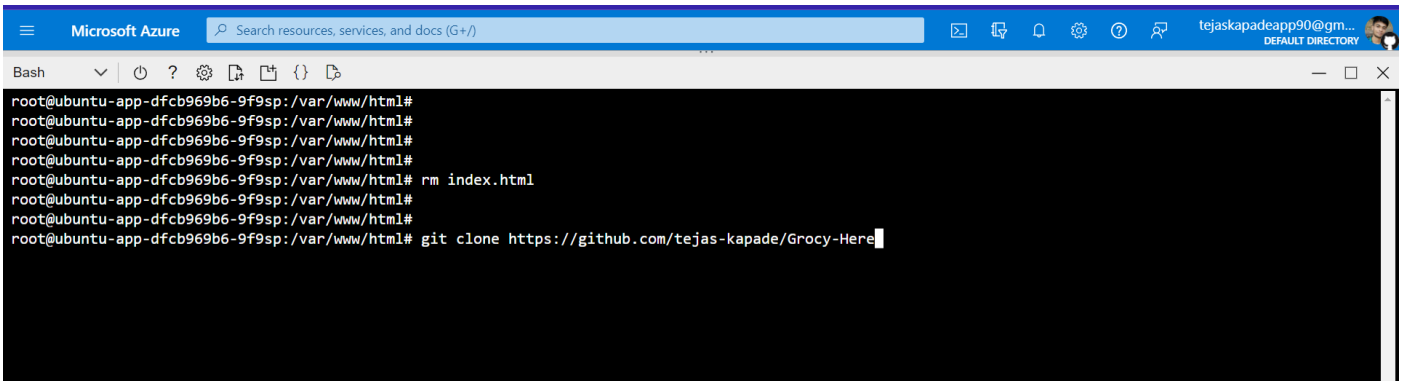
Topic 4: Downloading our web application from git-hub inside ubuntu image.

1. Now we will download our web-application from git-hub repository:
   We can se there's all required files inside my github repository which I pushed before.
   Link: https://github.com/tejas-kapade/Grocy-Here
   In this link there's also database file which is " SQL DUMP" file to import the required database tables.
   Dump file: ***"GROCYHERE.sql"***
   All Web-application code: "Grocery_Management/"

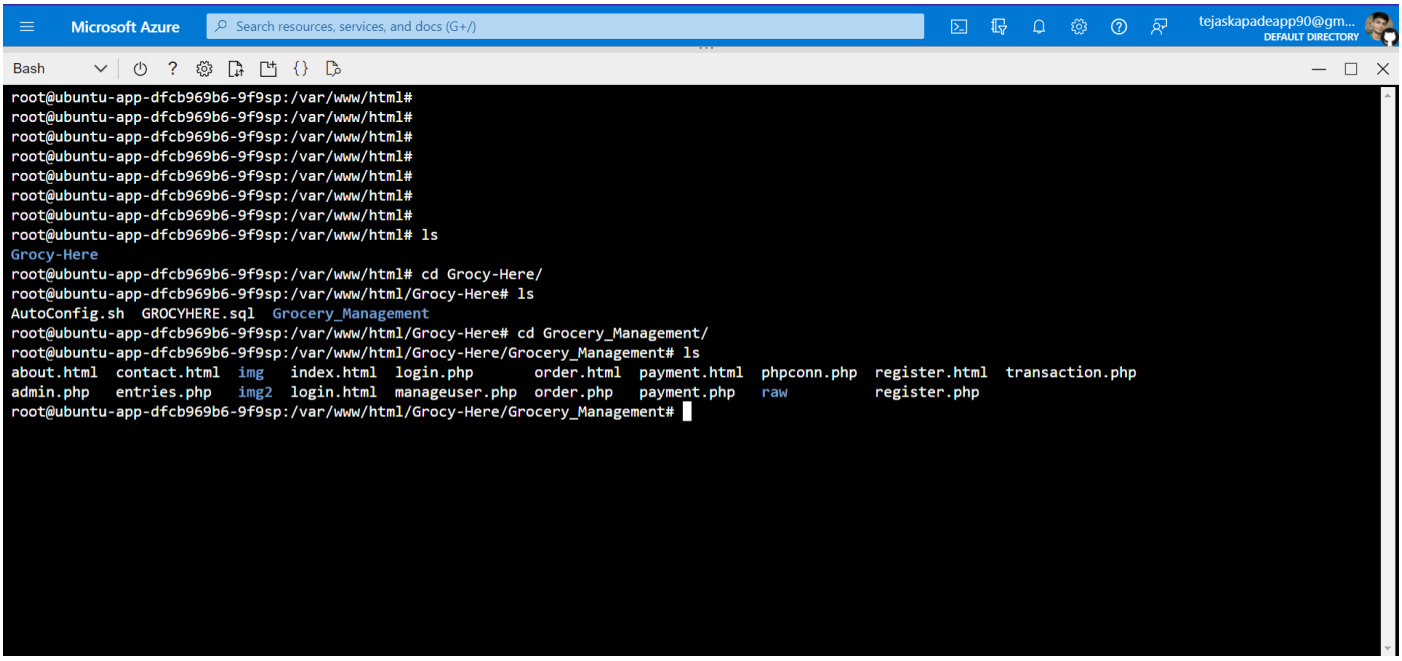




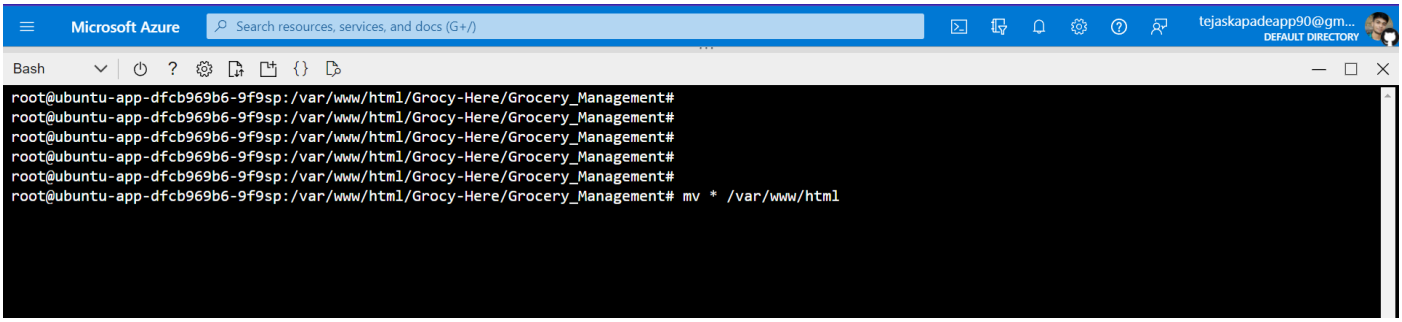
2. Now clone the repository using git clone command:



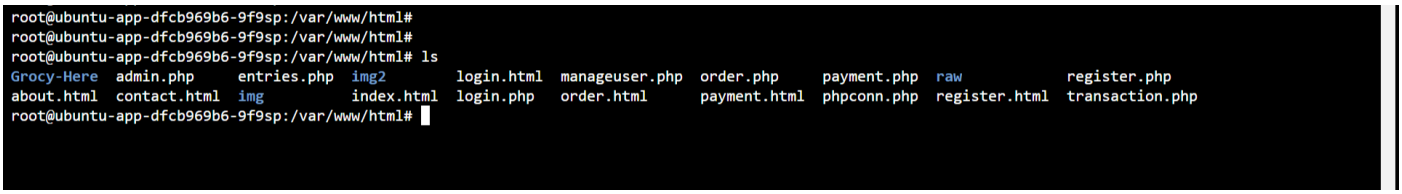
We can now see all files are downloaded inside our ubuntu image:



3. We will move this all files inside /var/www/html folder because it is necessary so that apache can run those files:



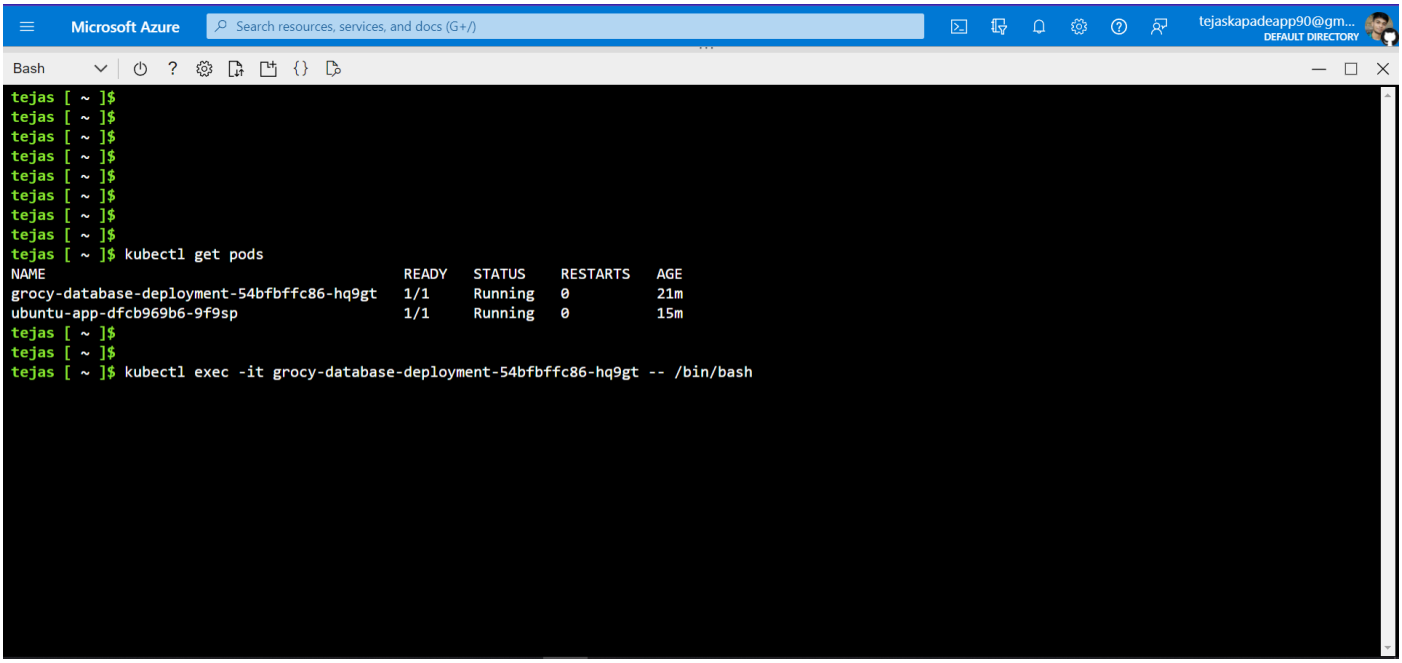
4. All set now:



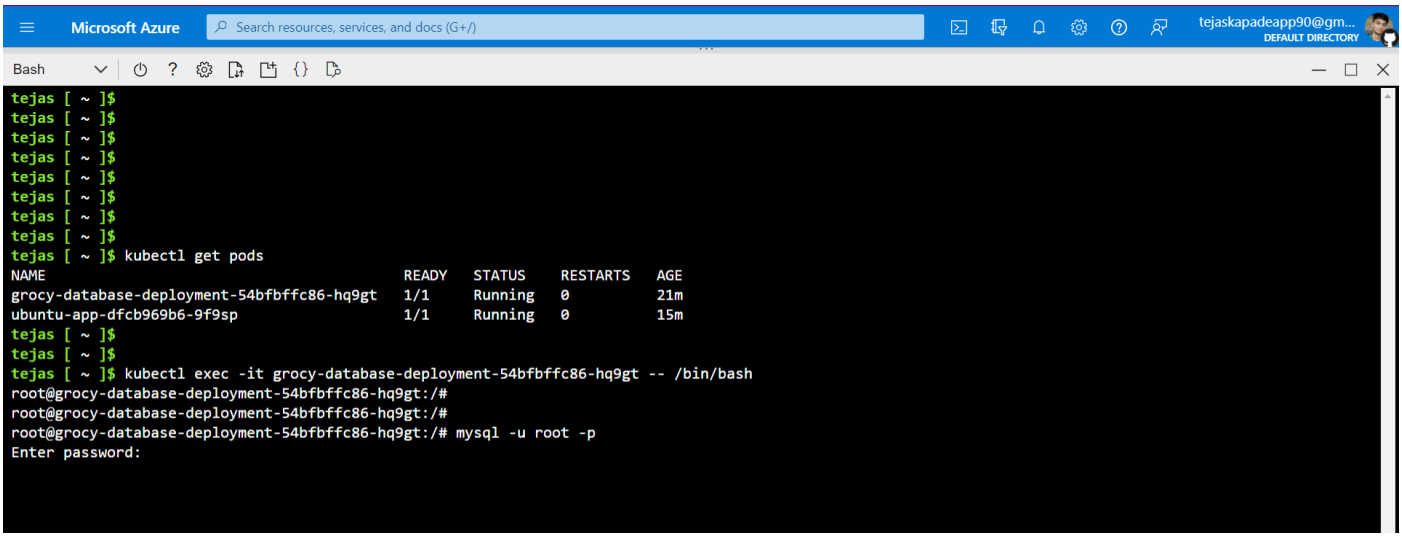
Topic 5: Deploying SQL DUMP file inside Database image to create tables and data

Steps:

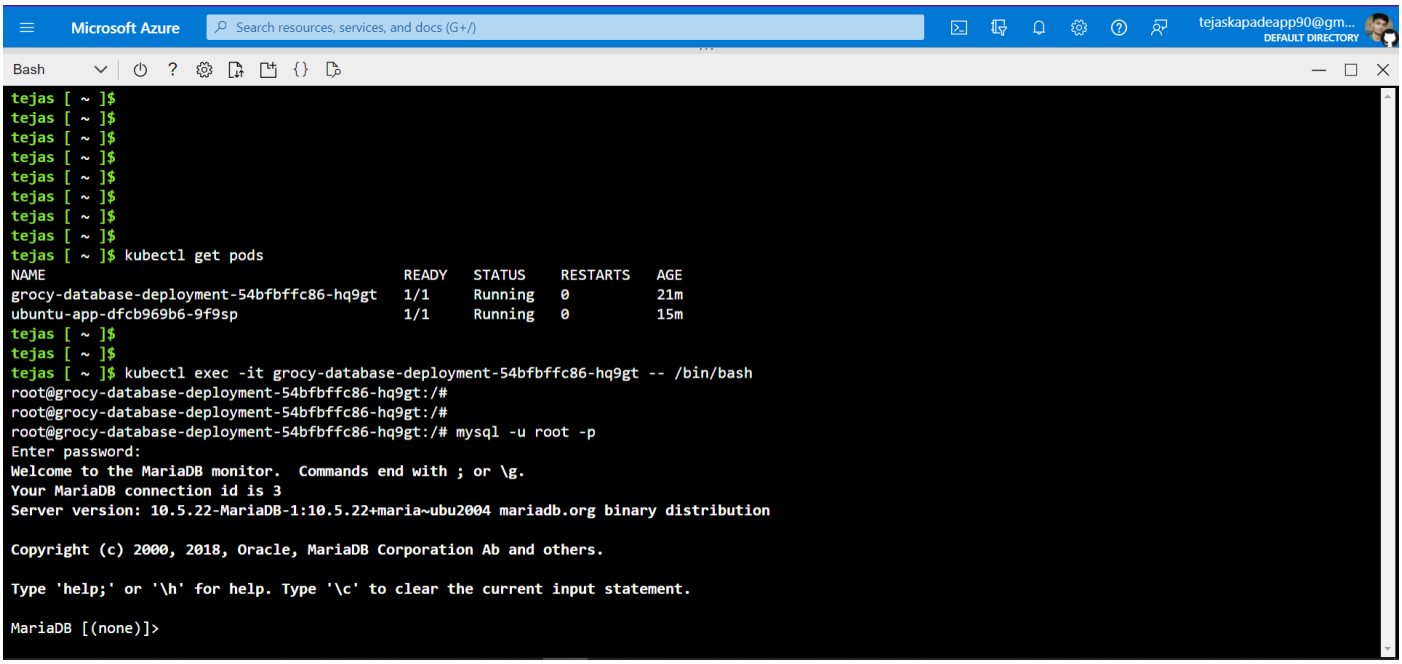
1. Let see the pod of database and copy name



2. We will execute it's shell /bin/bash and try to access database using mysql command

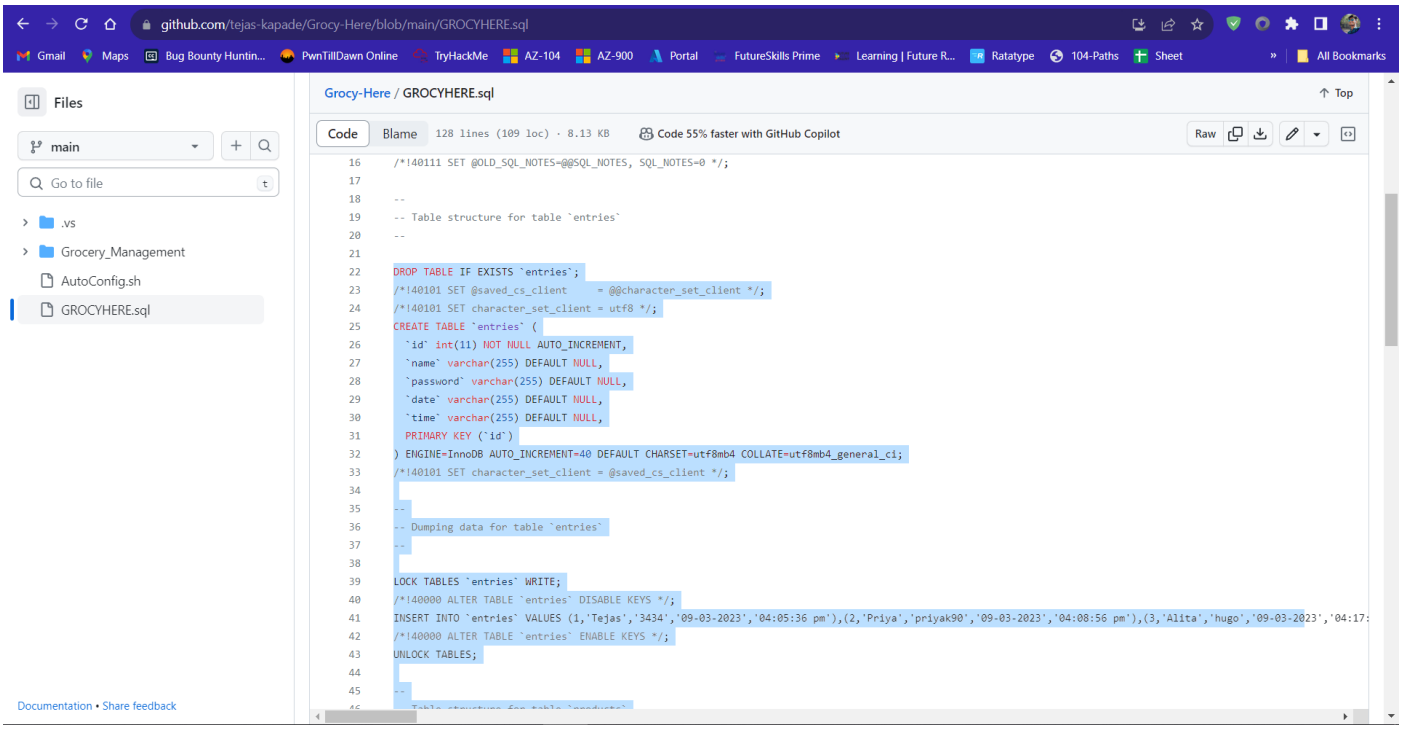


3. Accessed database using password:



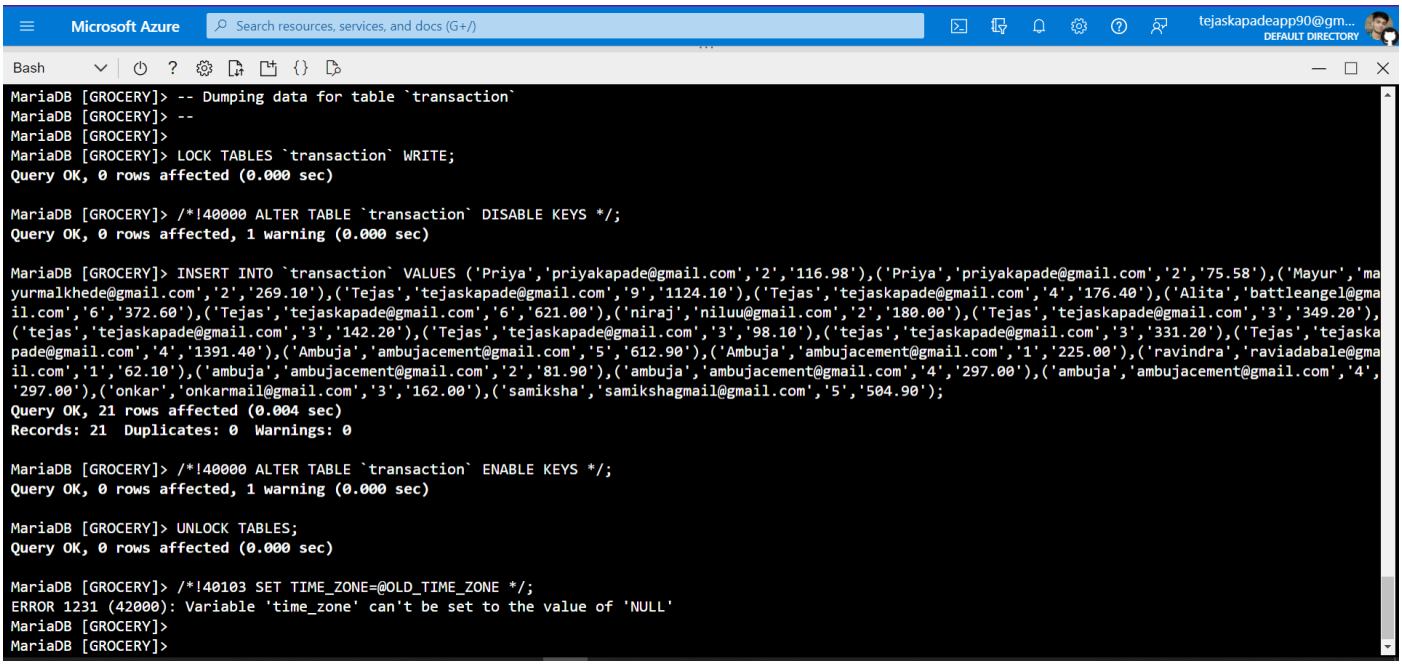
4. There's no tables or any kind of data inside our GROCERY database, we will now try to input that data.

5. In our git-hub repository there is GROCYHERE.sql file which is sql dump file,
   We will copy that dump file which is nothing but a set of queries to create tables and insert some data.

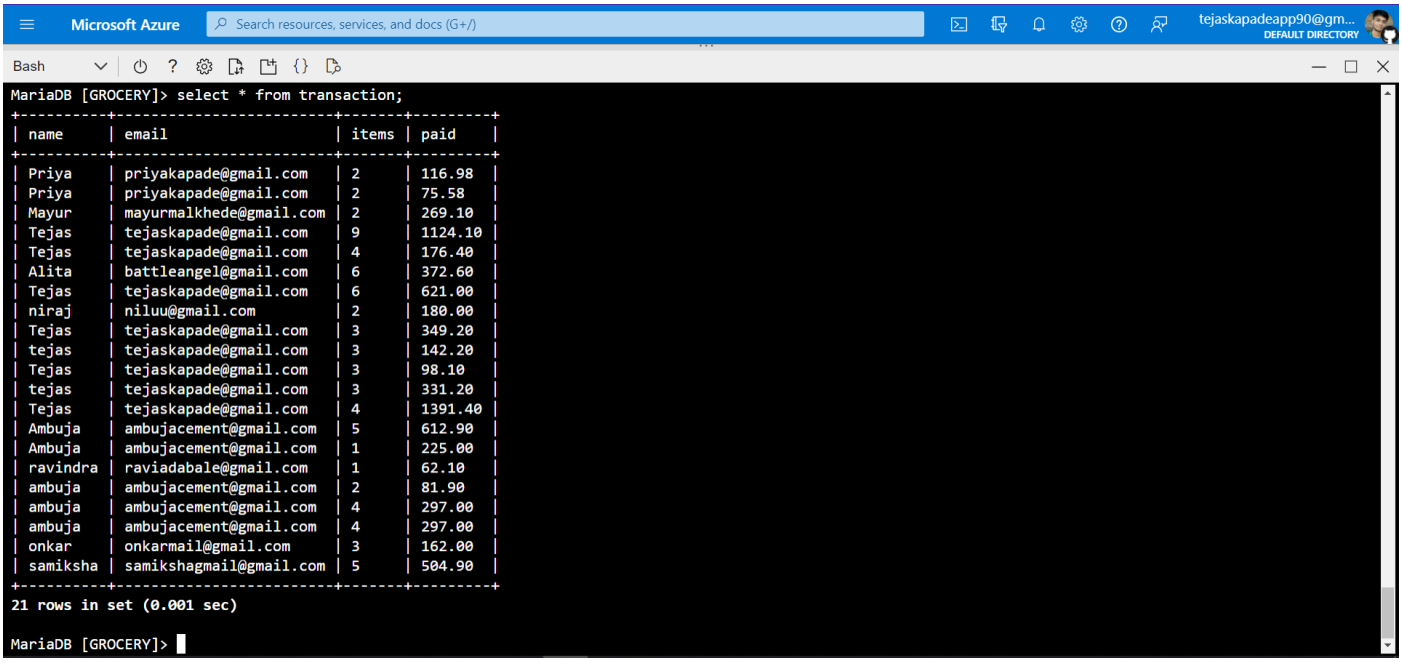


6. We will simply paste this inside mysql terminal so that all database is now pushed into our Kubernetes database image.

7. All data is dumped into our database pod.

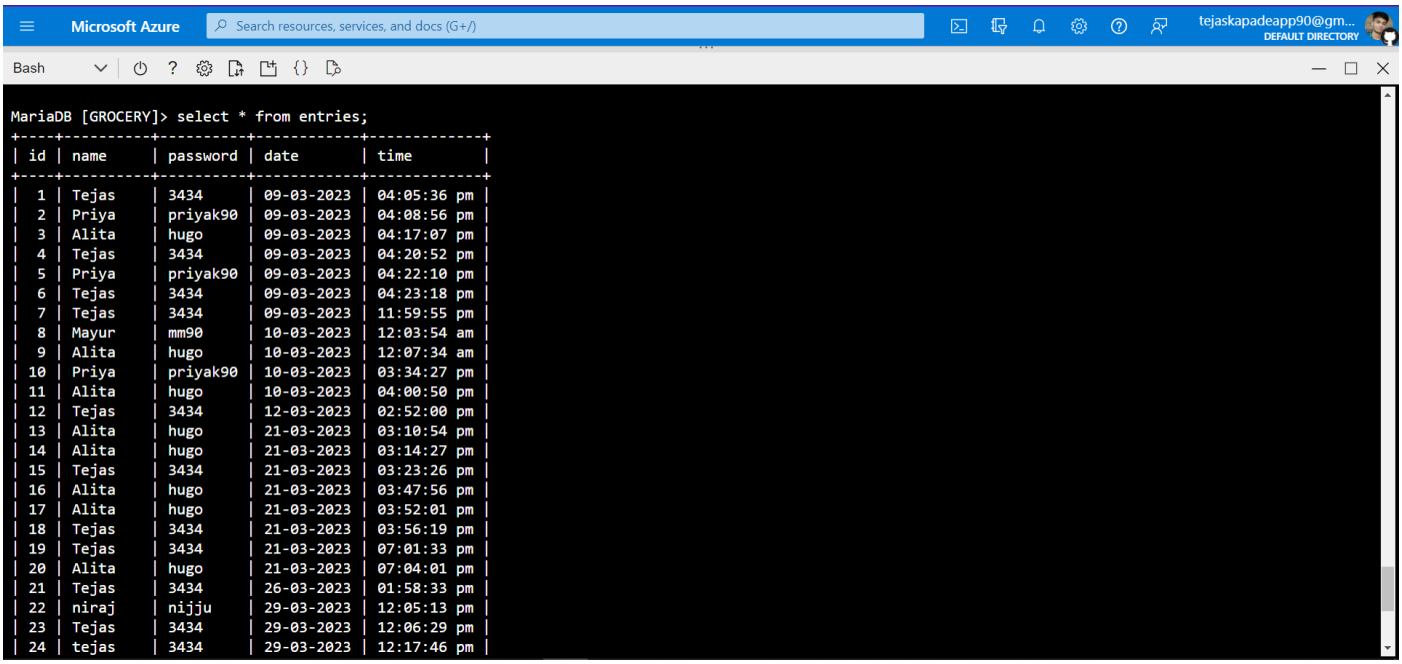


8. Now if we list the table contents we can see all tables are now added along with their data,




```
MariaDB [GROCERY]> select * from transaction;
+----------+------------------------+-------+---------+
| name     | email                  | items | paid    |
+----------+------------------------+-------+---------+
| Priya    | priyakapade@gmail.com  | 2     | 116.98  |
| Priya    | priyakapade@gmail.com  | 2     | 75.58   |
| Mayur    | mayurmalkhede@gmail.com| 2     | 269.10  |
| Tejas    | tejaskapade@gmail.com  | 9     | 1124.10 |
| Tejas    | tejaskapade@gmail.com  | 4     | 176.40  |
| Alita    | battleangel@gmail.com  | 6     | 372.60  |
| Tejas    | tejaskapade@gmail.com  | 6     | 621.00  |
| niraj    | niluu@gmail.com        | 2     | 180.00  |
| Tejas    | tejaskapade@gmail.com  | 3     | 349.20  |
| tejas    | tejaskapade@gmail.com  | 3     | 142.20  |
| Tejas    | tejaskapade@gmail.com  | 3     | 98.10   |
| tejas    | tejaskapade@gmail.com  | 3     | 331.20  |
| Tejas    | tejaskapade@gmail.com  | 4     | 1391.40 |
| Ambuja   | ambujacement@gmail.com | 5     | 612.90  |
| Ambuja   | ambujacement@gmail.com | 1     | 225.00  |
| ravindra | raviadabale@gmail.com  | 1     | 62.10   |
| ambuja   | ambujacement@gmail.com | 2     | 81.90   |
| ambuja   | ambujacement@gmail.com | 4     | 297.00  |
| ambuja   | ambujacement@gmail.com | 4     | 297.00  |
| onkar    | onkarmail@gmail.com    | 3     | 162.00  |
| samiksha | samikshagmail@gmail.com| 5     | 504.90  |
+----------+------------------------+-------+---------+
21 rows in set (0.001 sec)

MariaDB [GROCERY]>
```




```
MariaDB [GROCERY]> select * from entries;
+----+----------+----------+------------+-------------+
| id | name     | password | date       | time        |
+----+----------+----------+------------+-------------+
|  1 | Tejas    | 3434     | 09-03-2023 | 04:05:36 pm |
|  2 | Priya    | priyak90 | 09-03-2023 | 04:08:56 pm |
|  3 | Alita    | hugo     | 09-03-2023 | 04:17:07 pm |
|  4 | Tejas    | 3434     | 09-03-2023 | 04:20:52 pm |
|  5 | Priya    | priyak90 | 09-03-2023 | 04:22:10 pm |
|  6 | Tejas    | 3434     | 09-03-2023 | 04:23:18 pm |
|  7 | Tejas    | 3434     | 09-03-2023 | 11:59:55 pm |
|  8 | Mayur    | mm90     | 10-03-2023 | 12:03:54 am |
|  9 | Alita    | hugo     | 10-03-2023 | 12:07:34 am |
| 10 | Priya    | priyak90 | 10-03-2023 | 03:34:27 pm |
| 11 | Alita    | hugo     | 10-03-2023 | 04:00:50 pm |
| 12 | Tejas    | 3434     | 12-03-2023 | 02:52:00 pm |
| 13 | Alita    | hugo     | 21-03-2023 | 03:10:54 pm |
| 14 | Alita    | hugo     | 21-03-2023 | 03:14:27 pm |
| 15 | Tejas    | 3434     | 21-03-2023 | 03:23:26 pm |
| 16 | Alita    | hugo     | 21-03-2023 | 03:47:56 pm |
| 17 | Alita    | hugo     | 21-03-2023 | 03:52:01 pm |
| 18 | Tejas    | 3434     | 21-03-2023 | 03:56:19 pm |
| 19 | Tejas    | 3434     | 21-03-2023 | 07:01:33 pm |
| 20 | Alita    | hugo     | 21-03-2023 | 07:04:01 pm |
| 21 | Tejas    | 3434     | 26-03-2023 | 01:58:33 pm |
| 22 | niraj    | nijju    | 29-03-2023 | 12:05:13 pm |
| 23 | Tejas    | 3434     | 29-03-2023 | 12:06:29 pm |
| 24 | tejas    | 3434     | 29-03-2023 | 12:17:46 pm |
```

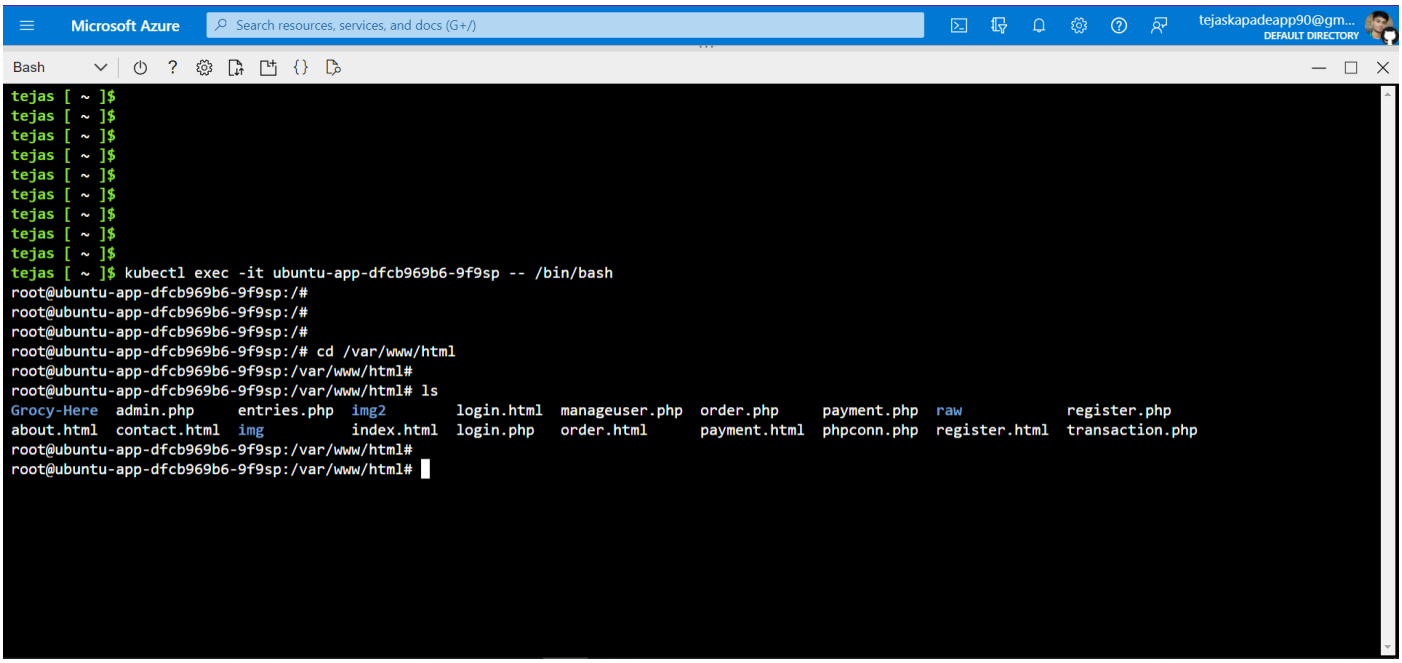
All is set now we will exit from here and start the apache server.

```
MariaDB [GROCERY]> exit
Bye
root@grocy-database-deployment-54bfbffc86-hq9gt:/#
root@grocy-database-deployment-54bfbffc86-hq9gt:/#
root@grocy-database-deployment-54bfbffc86-hq9gt:/# exit
exit
tejas [ ~ ]$
tejas [ ~ ]$
```

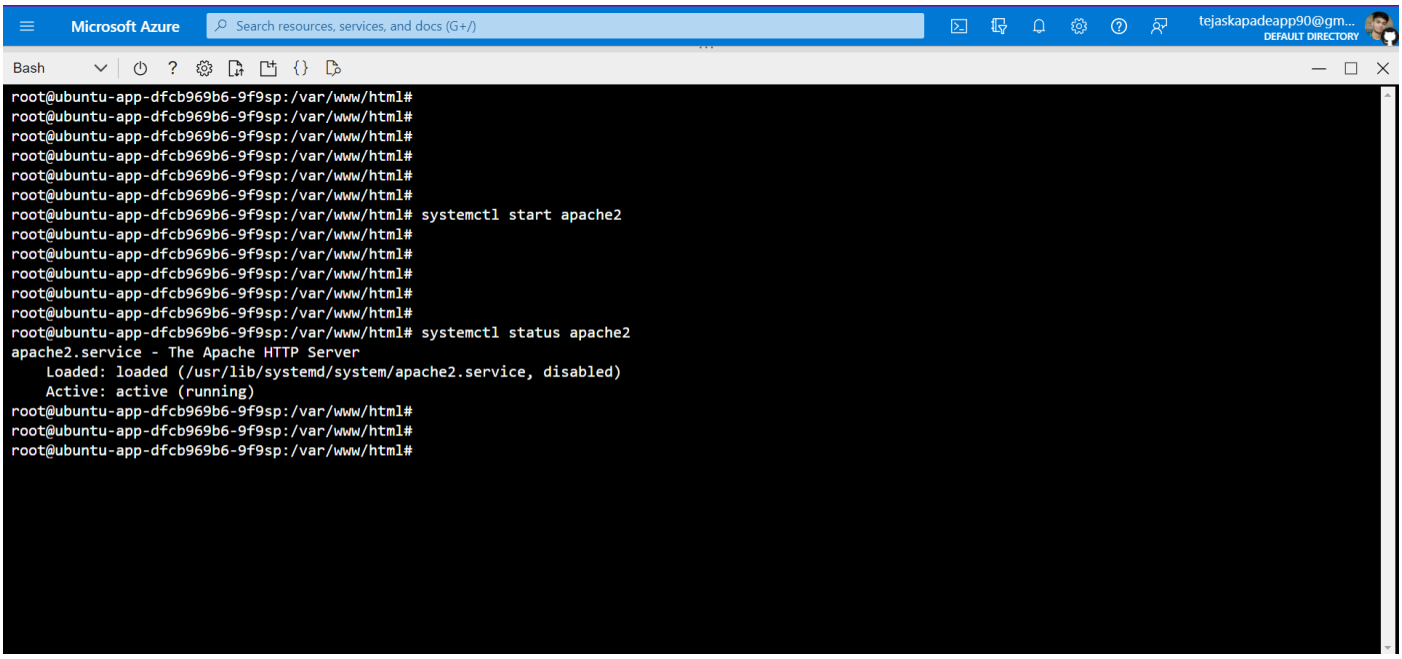
Topic 6: Starting apache2 service.

Steps:

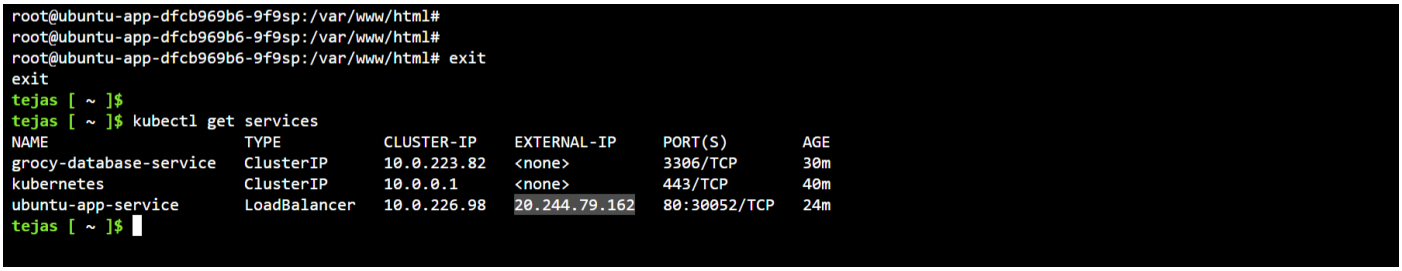
1. We will start our /bin/bash shell for ubuntu as we had done before



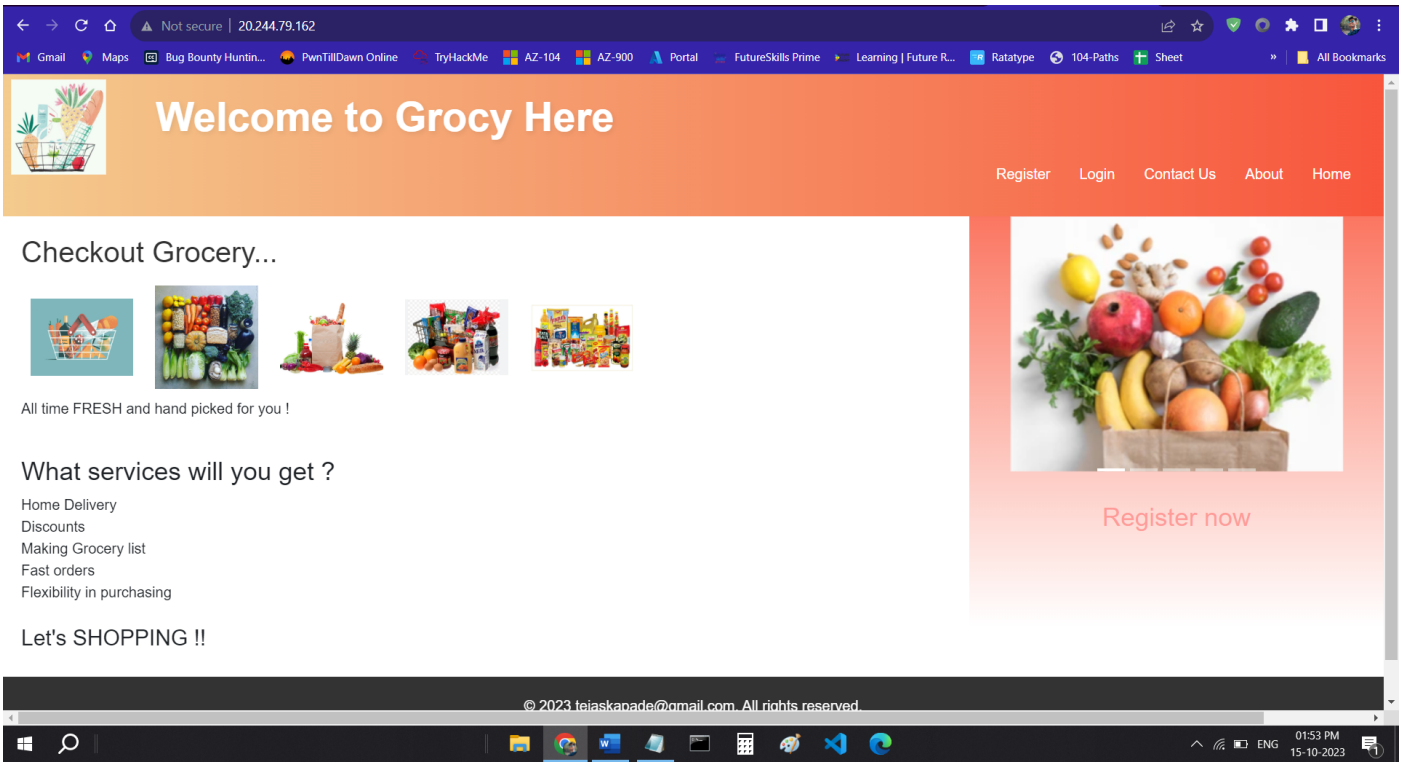
We will simply start the apache2 server using “systemctl” command our you can you “service” commad.

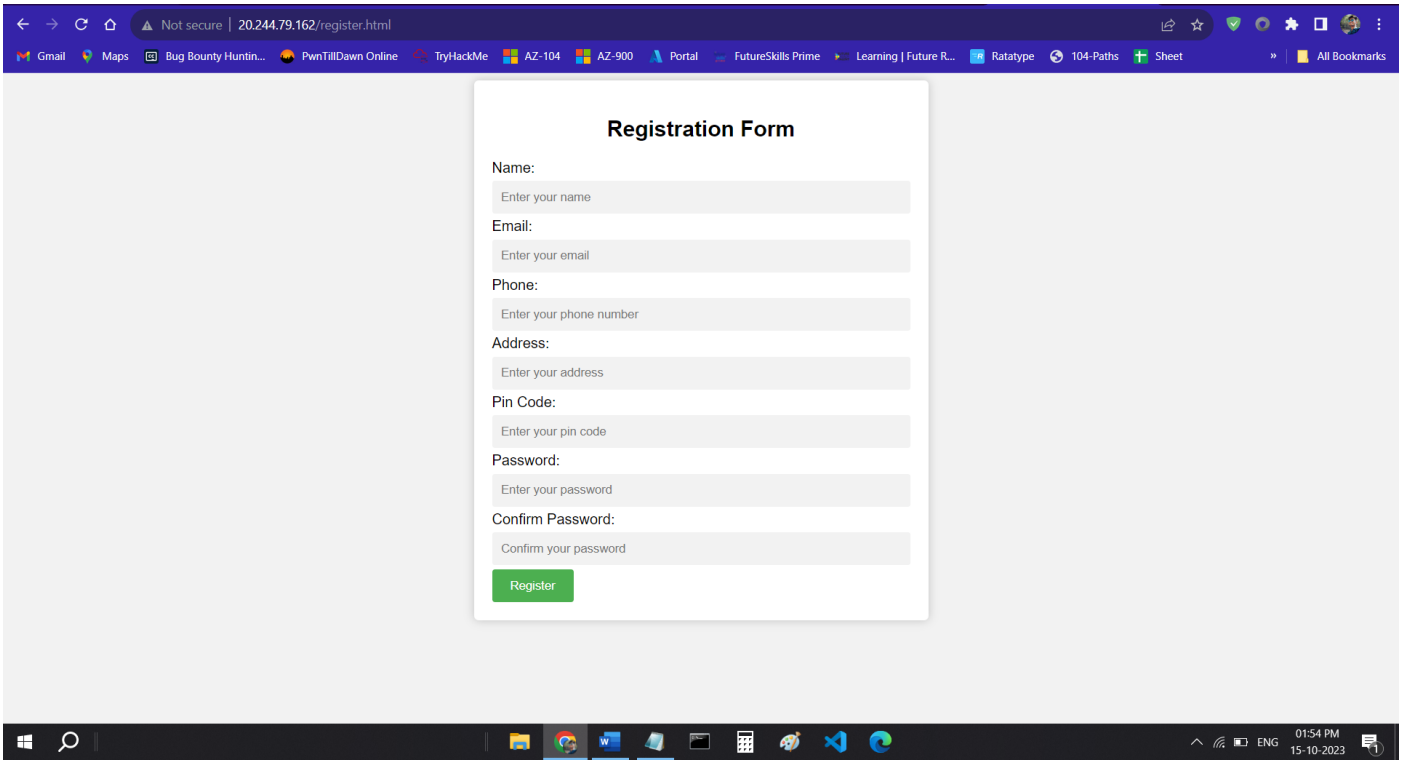


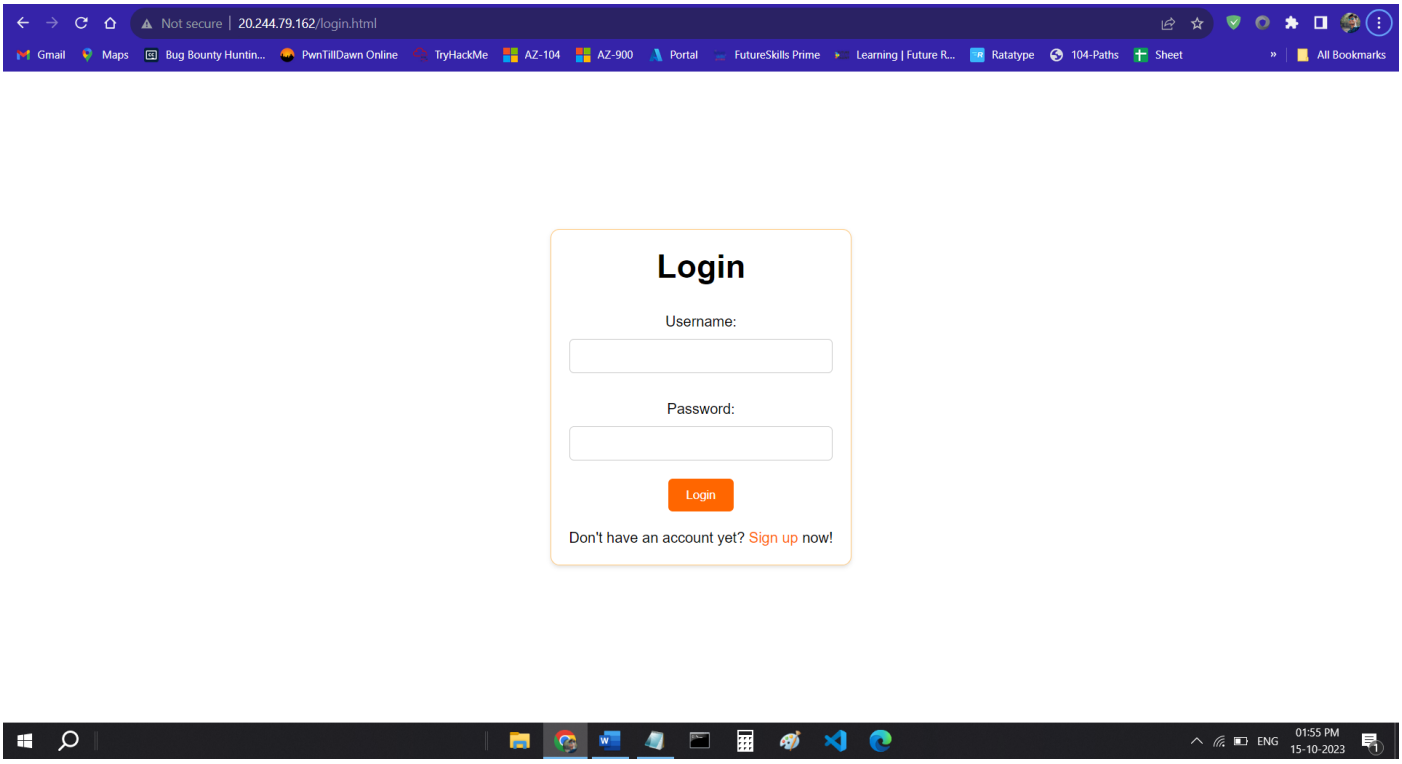
Now everything is set now we will list our services and copy the external ip address which is Public IP and we will put it into our Browser.

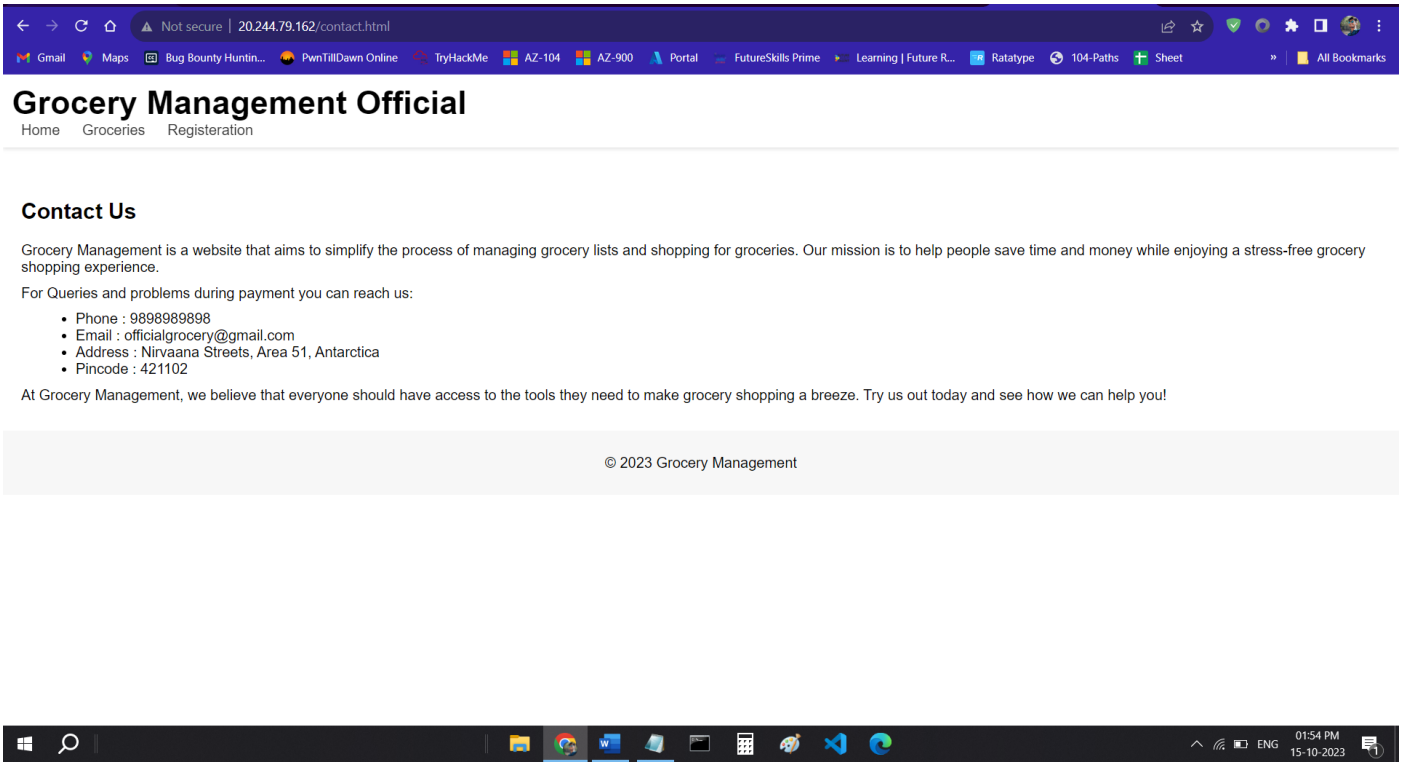


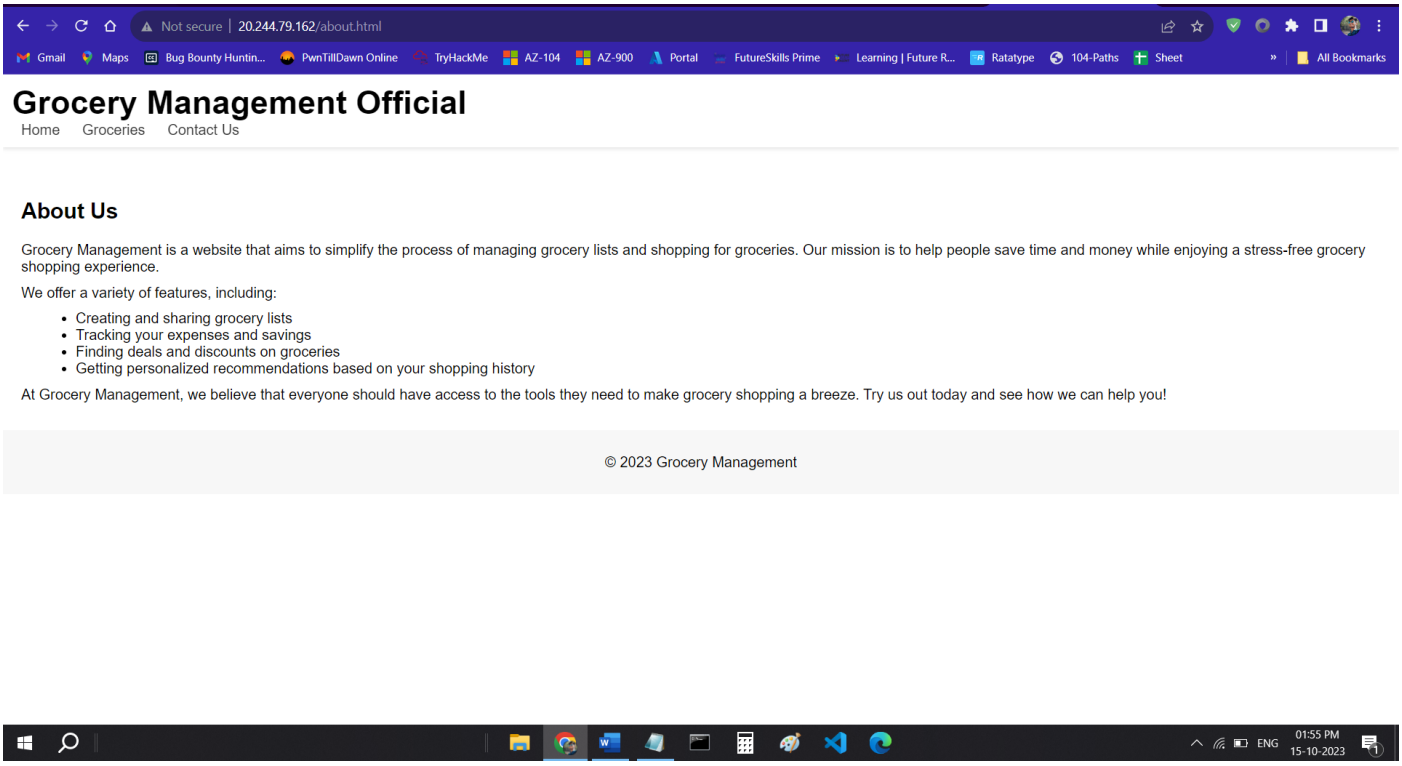
Final Output:



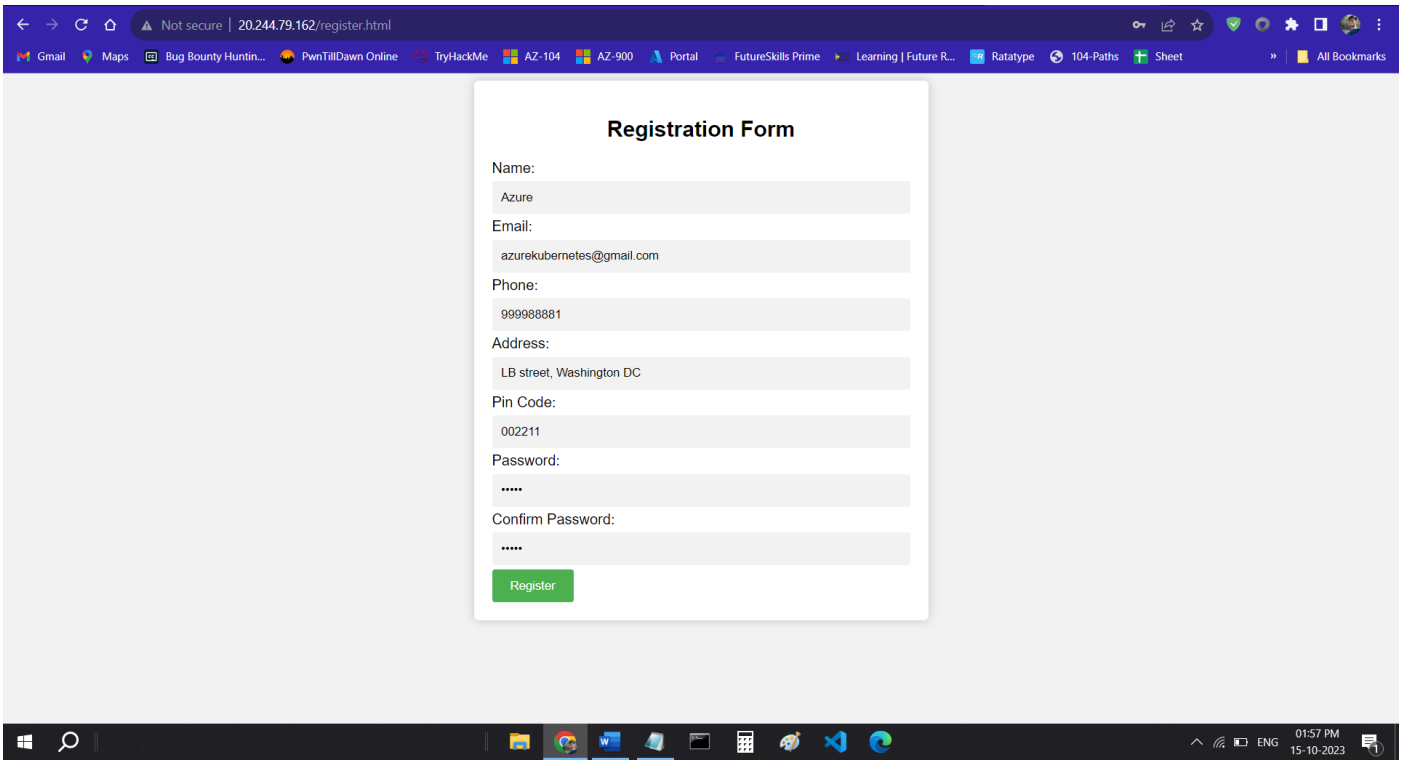


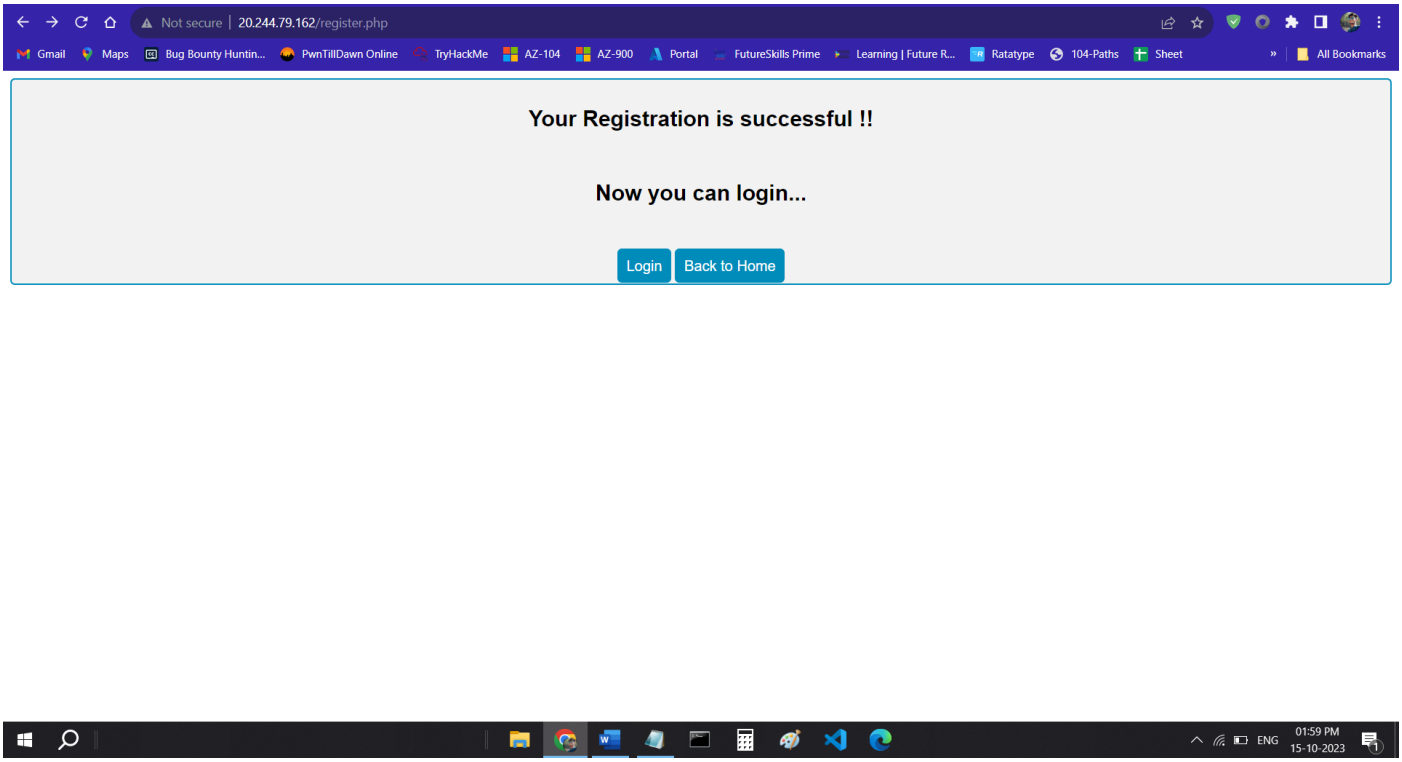

Not secure | 20.244.79.162/login.html
Gmail Maps Bug Bounty Huntin... PwnTillDawn Online TryHackMe AZ-104 AZ-900 Portal FutureSkills Prime Learning | Future R... Ratatype 104-Paths Sheet All Bookmarks
Login
Username:
Password:
Login
Don't have an account yet? Sign up now!
ENG 01:55 PM 15-10-2023


Not secure | 20.244.79.162/contact.html
Gmail Maps Bug Bounty Huntin... PwnTillDawn Online TryHackMe AZ-104 AZ-900 Portal FutureSkills Prime Learning | Future R... Ratatype 104-Paths Sheet All Bookmarks
Grocery Management Official
Home Groceries Registeration
Contact Us
Grocery Management is a website that aims to simplify the process of managing grocery lists and shopping for groceries. Our mission is to help people save time and money while enjoying a stress-free grocery shopping experience.
For Queries and problems during payment you can reach us:
Phone : 9898989898
Email : officialgrocery@gmail.com
Address : Nirvaana Streets, Area 51, Antarctica
Pincode : 421102
At Grocery Management, we believe that everyone should have access to the tools they need to make grocery shopping a breeze. Try us out today and see how we can help you!
© 2023 Grocery Management
ENG 01:54 PM 15-10-2023

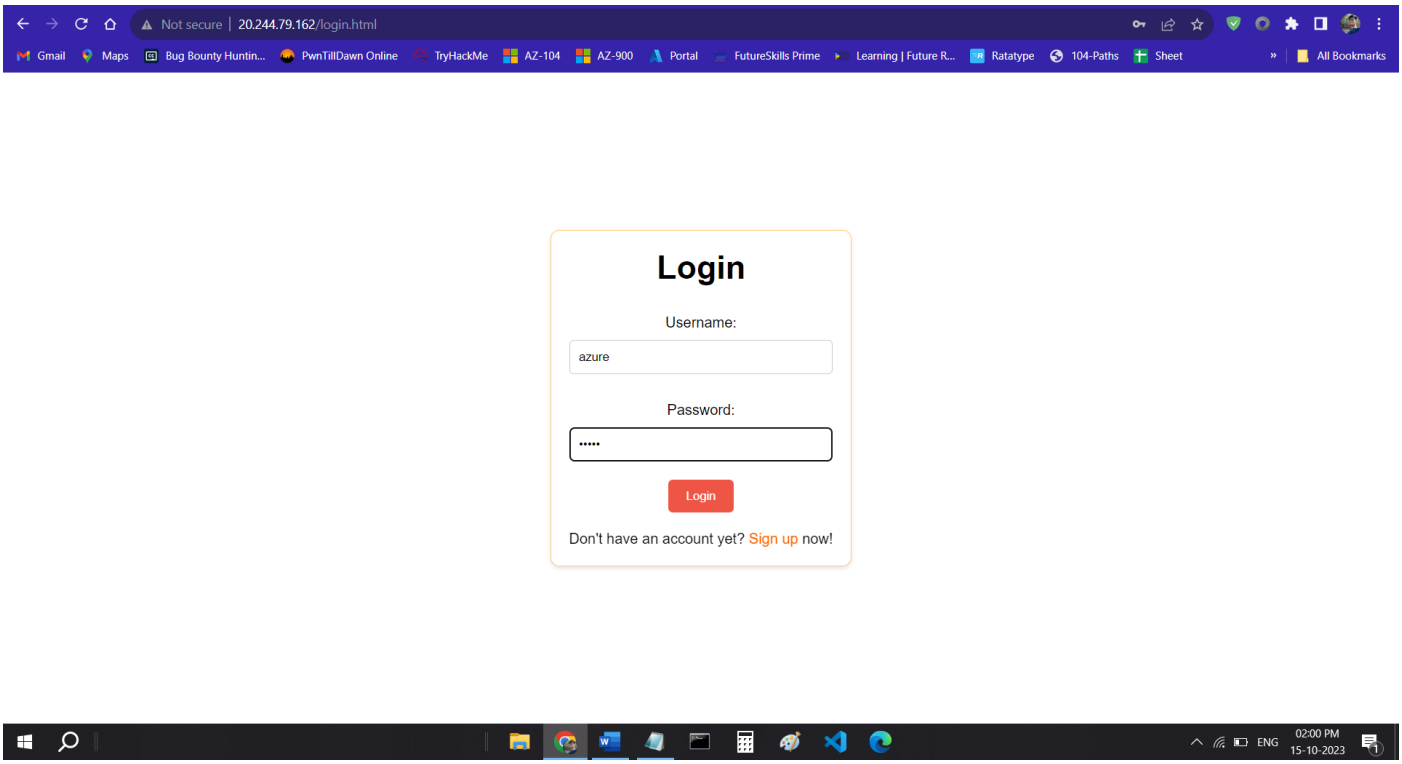


We will enter some details in registration to check it is working



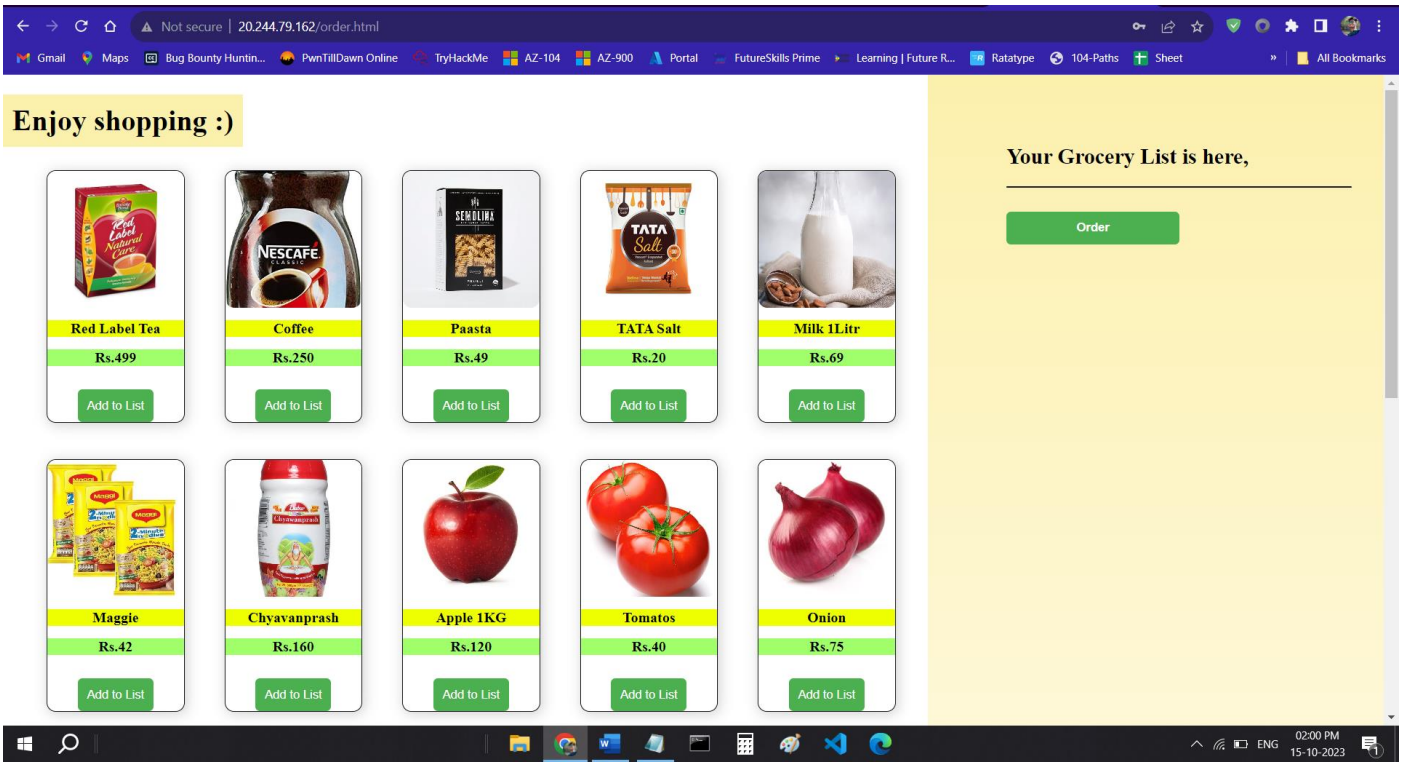


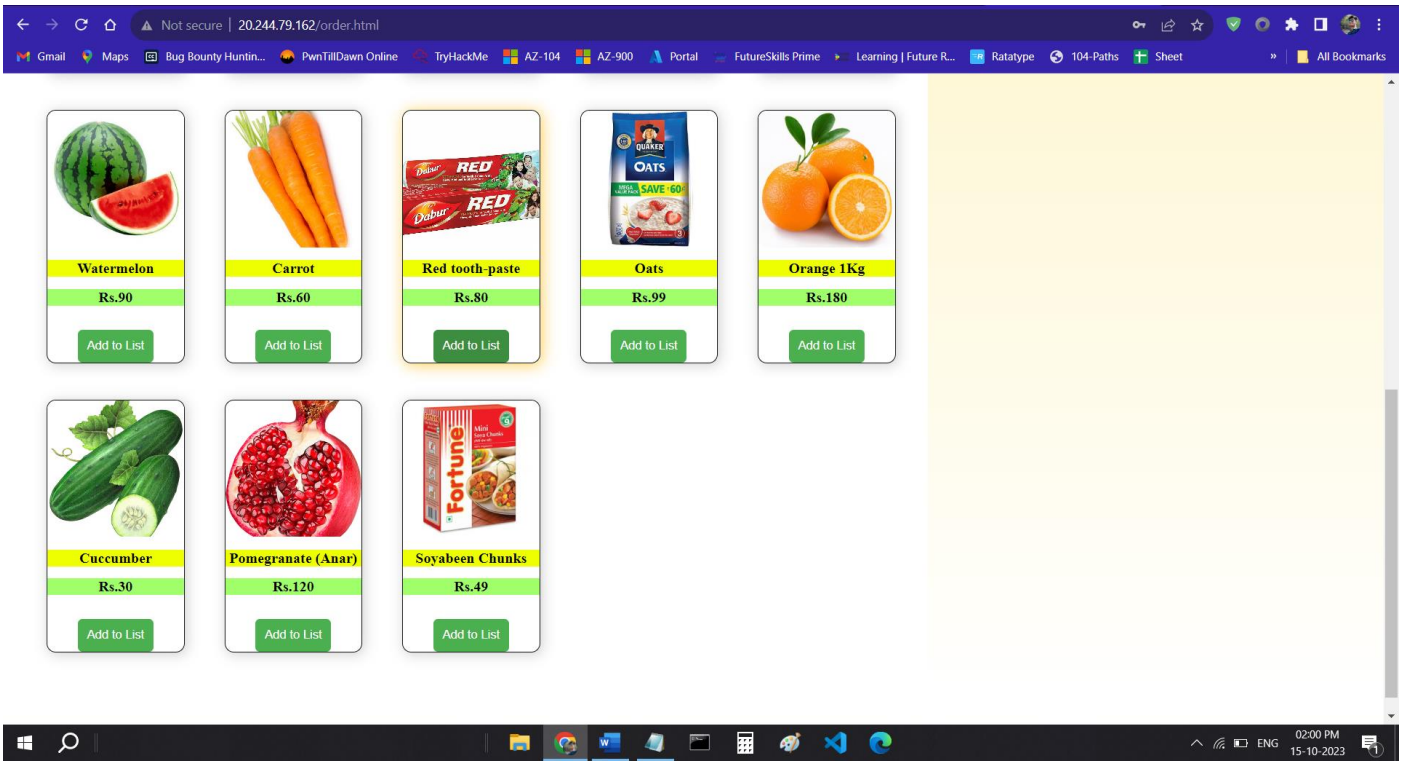
After registering we are trying to login from same credentials:



Login succeed !

Now we will Buy something…





Not secure | 20.244.79.162/order.html

Gmail | Maps | Bug Bounty Huntin... | PwnTillDawn Online | TryHackMe | AZ-104 | AZ-900 | Portal | FutureSkills Prime | Learning | Future R... | Ratatype | 104-Paths | Sheet | All Bookmarks

Enjoy shopping :)

Red Label Tea	Coffee	Paasta	TATA Salt	Milk 1Litr
Rs.499	Rs.250	Rs.49	Rs.20	Rs.69
Add to List	Add to List	Add to List	Add to List	Add to List

Maggie	Chyavanprash	Apple 1KG	Tomatos	Onion
Rs.42	Rs.160	Rs.120	Rs.40	Rs.75
Add to List	Add to List	Add to List	Add to List	Add to List

Your Grocery List is here,

- Coffee 500gm - Rs.250 Remove
- Tata Salt - Rs.20 Remove
- Milk 1Litr - Rs.69 Remove
- Apple 1kg - Rs.120 Remove
- Dabour RED 1 - Rs.80 Remove

Order

Not secure | 20.244.79.162/order.html

Gmail | Maps | Bug Bounty Huntin... | PwnTillDawn Online | TryHackMe | AZ-104 | AZ-900 | Portal | FutureSkills Prime | Learning | Future R... | Ratatype | 104-Paths | Sheet | All Bookmarks

Enjoy shopping :)

Red Label Tea

Rs.499

Add to List

Maggie

Rs.42

Add to List

Receipt

CANCEL ORDER

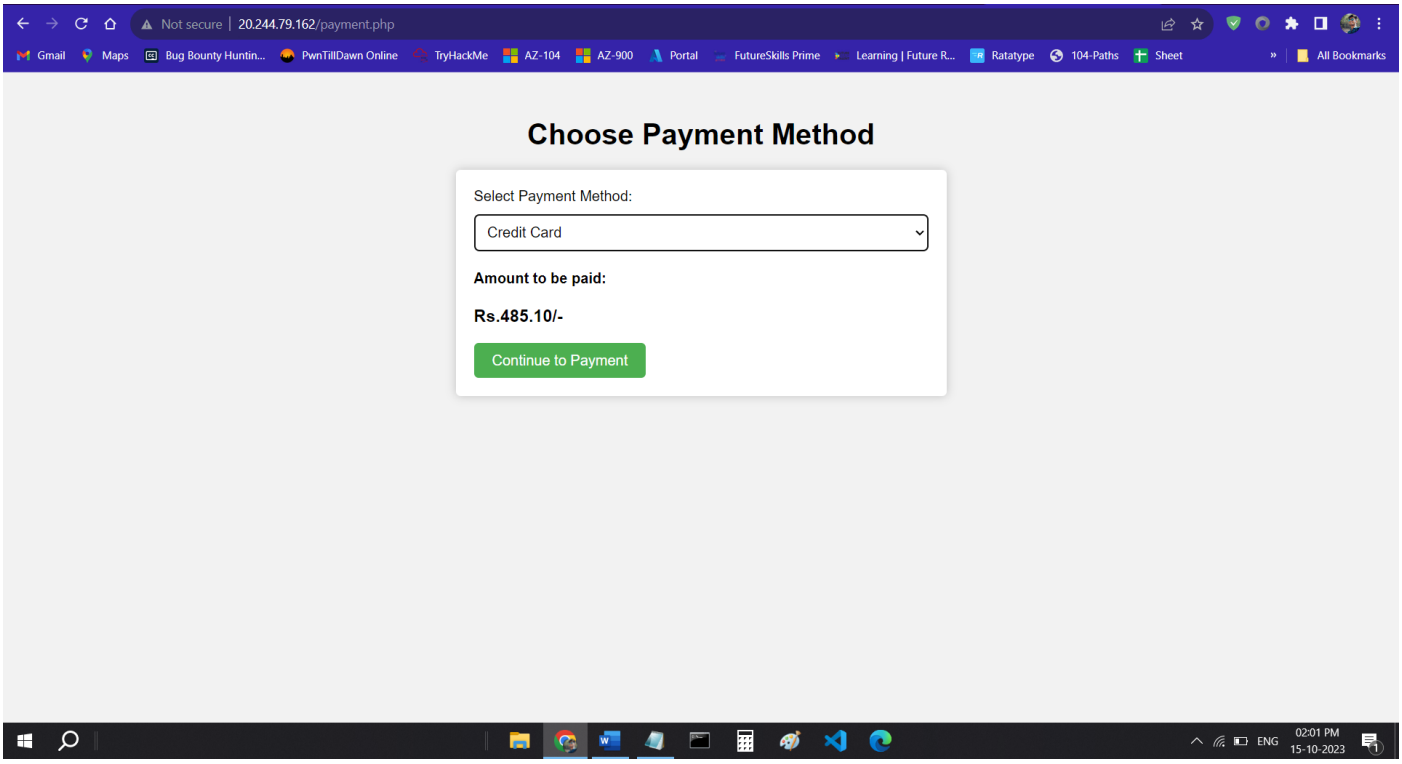
Product	Price
Coffee 500gm	Rs.250.00
Tata Salt	Rs.20.00
Milk 1Litr	Rs.69.00
Apple 1kg	Rs.120.00
Dabour RED 1	Rs.80.00
Subtotal:	Rs.539.00
Discount (10% OFF):	Rs.53.90
Total:	**Rs.485.10**

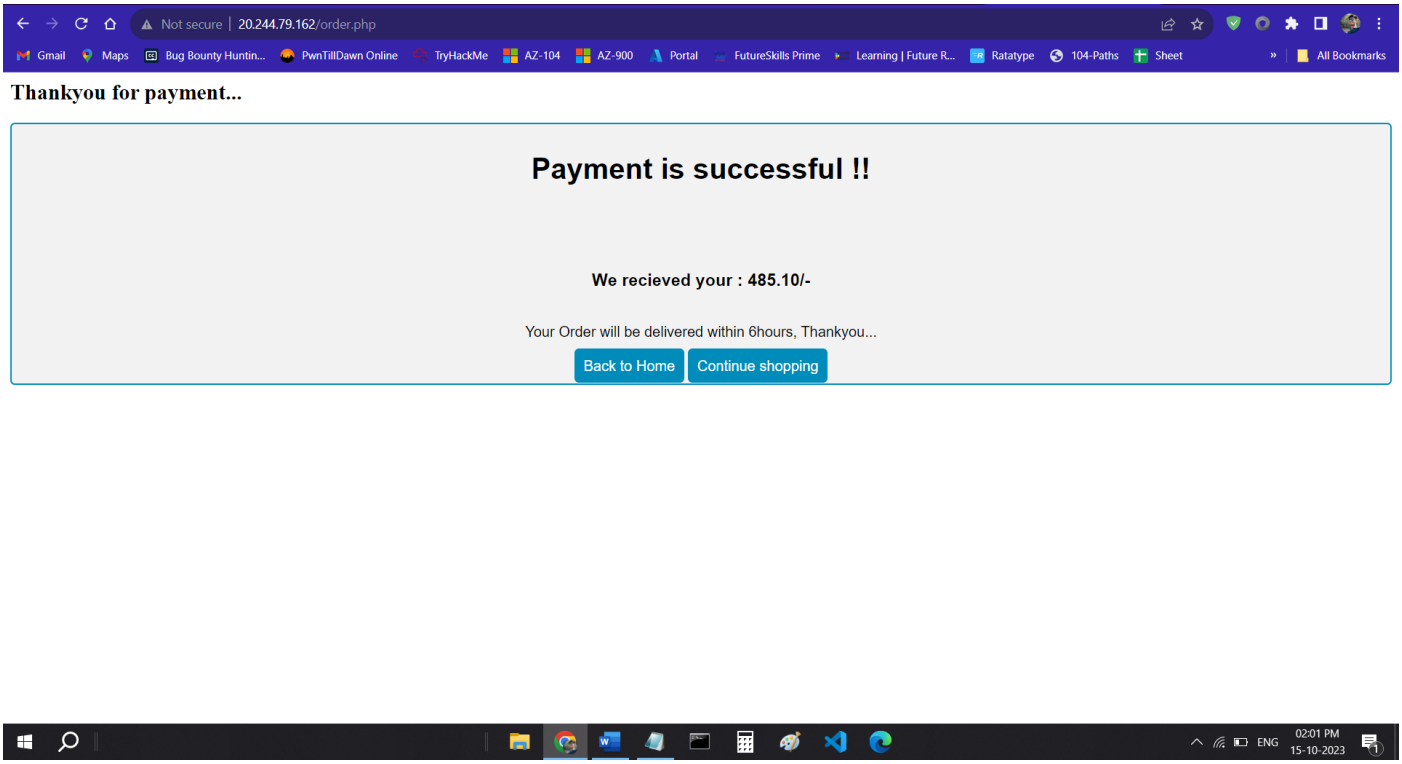
Proceed to Pay

Rs.160 Add to List | Rs.120 Add to List | Rs.40 Add to List | Rs.75 Add to List

Your Grocery List is here,

ENG 02:01 PM 15-10-2023


Not secure | 20.244.79.162/payment.php
Gmail Maps Bug Bounty Huntin... PwnTillDawn Online TryHackMe AZ-104 AZ-900 Portal FutureSkills Prime Learning | Future R... Ratatype 104-Paths Sheet All Bookmarks
Choose Payment Method
Select Payment Method:
Credit Card
Amount to be paid:
Rs.485.10/-
Continue to Payment
ENG 02:01 PM 15-10-2023

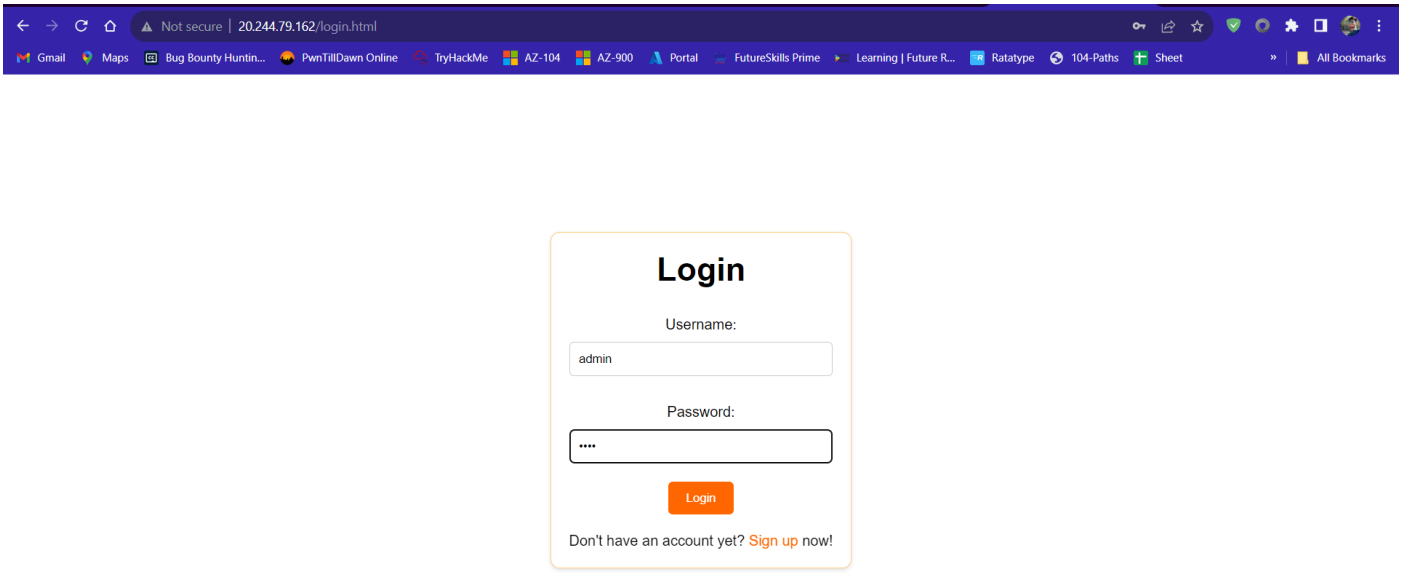

Not secure | 20.244.79.162/order.php
Gmail Maps Bug Bounty Huntin... PwnTillDawn Online TryHackMe AZ-104 AZ-900 Portal FutureSkills Prime Learning | Future R... Ratatype 104-Paths Sheet All Bookmarks
Thankyou for payment...
Payment is successful !!
We recieved your : 485.10/-
Your Order will be delivered within 6hours, Thankyou...
Back to Home
Continue shopping
ENG 02:01 PM 15-10-2023

Now Let’s check admin panel:

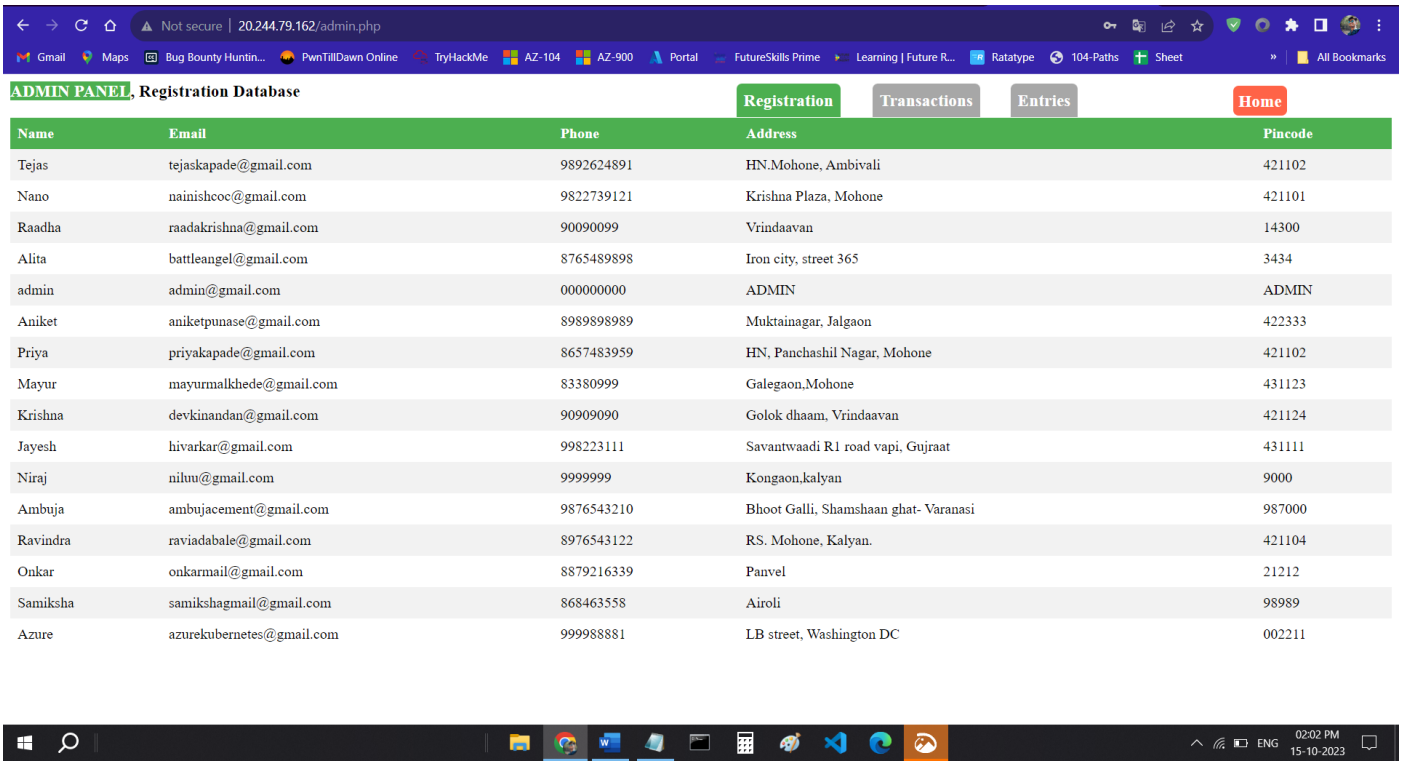
Simply we will put admin inside login form and password for admin user.

Credentials:

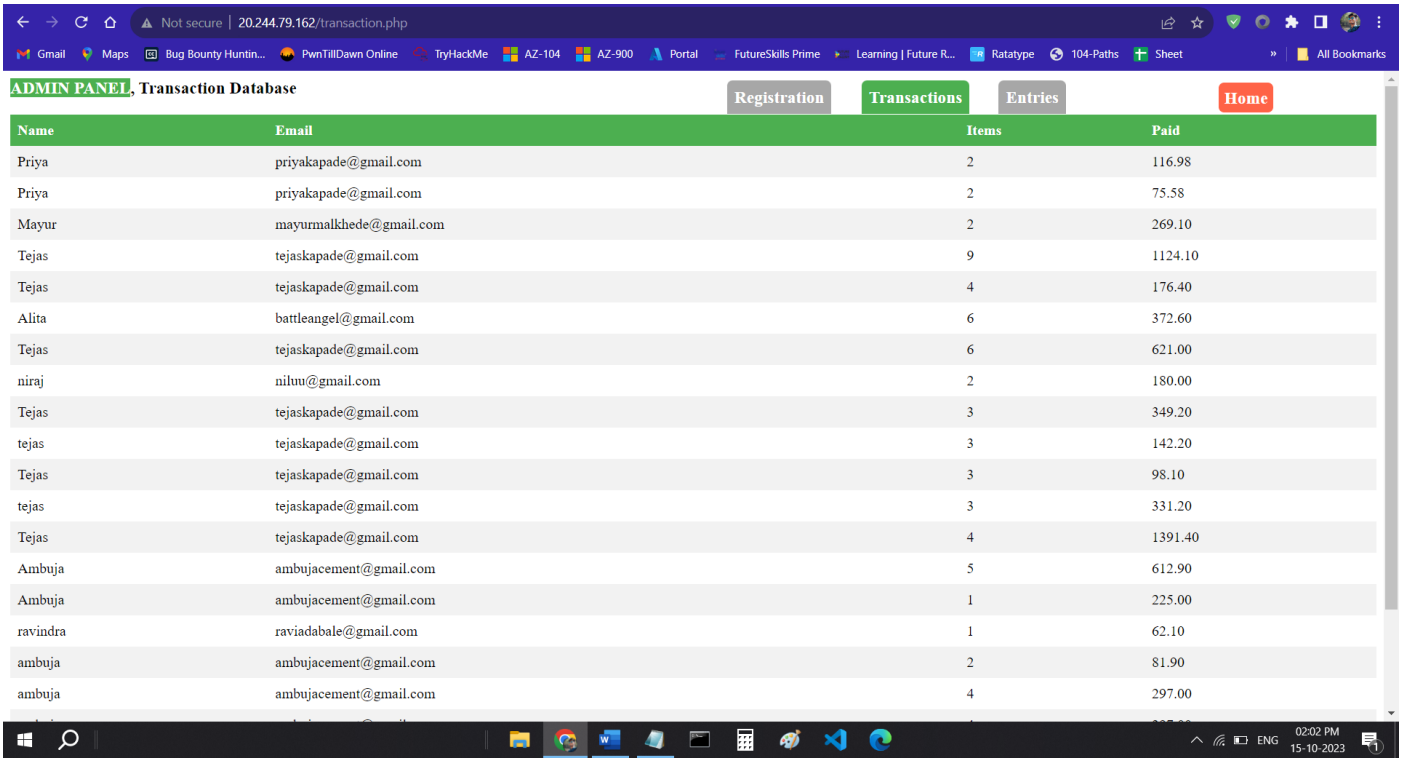
- Username: **admin**
- Password: **9090**



Succeed ! we can see the admin panel which will show as all database of our web-application.

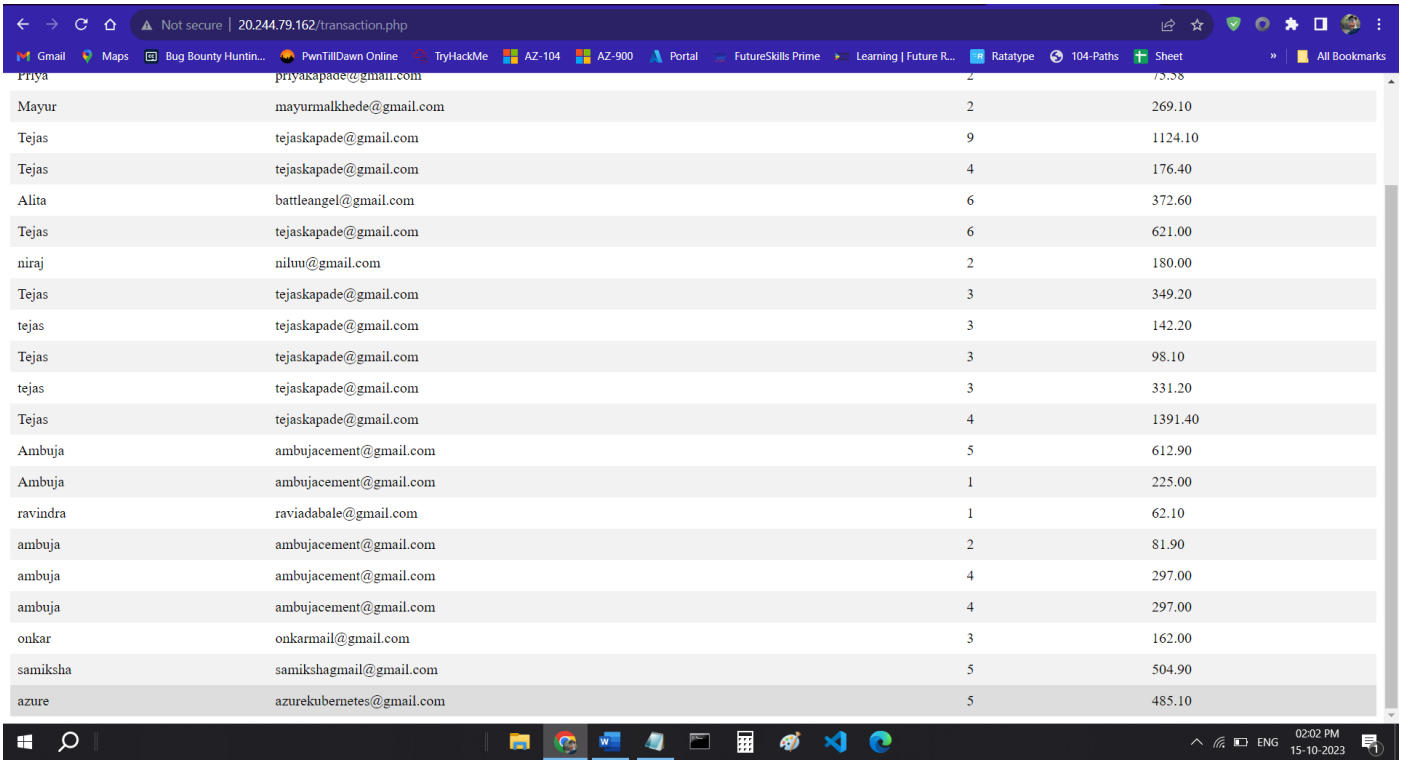


Name	Email	Phone	Address	Pincode
Tejas	tejaskapade@gmail.com	9892624891	HN.Mohone, Ambivali	421102
Nano	nainishcoc@gmail.com	9822739121	Krishna Plaza, Mohone	421101
Raadha	raadakrishna@gmail.com	90090099	Vrindaavan	14300
Alita	battleangel@gmail.com	8765489898	Iron city, street 365	3434
admin	admin@gmail.com	000000000	ADMIN	ADMIN
Aniket	aniketpunase@gmail.com	8989898989	Muktainagar, Jalgaon	422333
Priya	priyakapade@gmail.com	8657483959	HN, Panchashil Nagar, Mohone	421102
Mayur	mayurmalkhede@gmail.com	83380999	Galegaon,Mohone	431123
Krishna	devkinandan@gmail.com	90909090	Golok dhaam, Vrindaavan	421124
Jayesh	hivarkar@gmail.com	998223111	Savantwaadi R1 road vapi, Gujraat	431111
Niraj	niluu@gmail.com	9999999	Kongaon,kalyan	9000
Ambuja	ambujacement@gmail.com	9876543210	Bhoot Galli, Shamshaan ghat- Varanasi	987000
Ravindra	raviadabale@gmail.com	8976543122	RS. Mohone, Kalyan.	421104
Onkar	onkarmail@gmail.com	8879216339	Panvel	21212
Samiksha	samikshagmail@gmail.com	868463558	Airoli	98989
Azure	azurekubernetes@gmail.com	999988881	LB street, Washington DC	002211

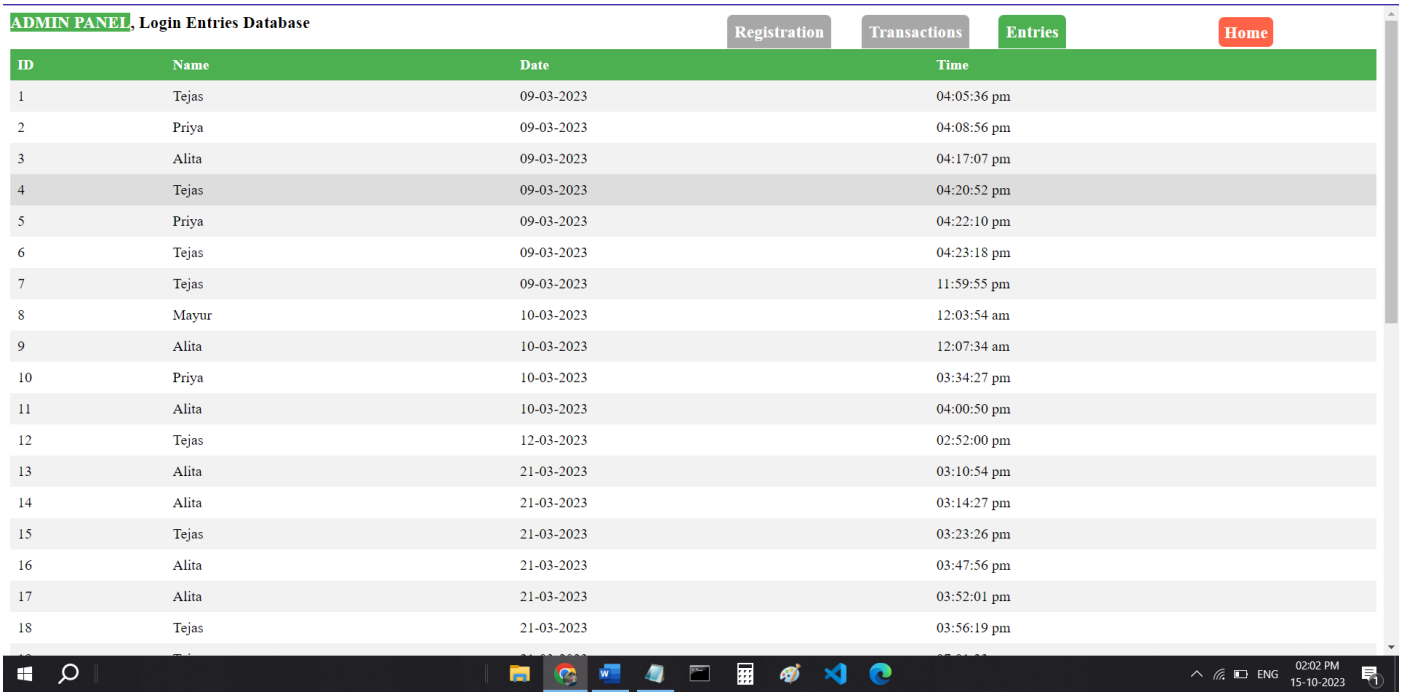


Name	Email	Items	Paid
Priya	priyakapade@gmail.com	2	116.98
Priya	priyakapade@gmail.com	2	75.58
Mayur	mayurmalkhede@gmail.com	2	269.10
Tejas	tejaskapade@gmail.com	9	1124.10
Tejas	tejaskapade@gmail.com	4	176.40
Alita	battleangel@gmail.com	6	372.60
Tejas	tejaskapade@gmail.com	6	621.00
niraj	niluu@gmail.com	2	180.00
Tejas	tejaskapade@gmail.com	3	349.20
tejas	tejaskapade@gmail.com	3	142.20
Tejas	tejaskapade@gmail.com	3	98.10
tejas	tejaskapade@gmail.com	3	331.20
Tejas	tejaskapade@gmail.com	4	1391.40
Ambuja	ambujacement@gmail.com	5	612.90
Ambuja	ambujacement@gmail.com	1	225.00
ravindra	raviadabale@gmail.com	1	62.10
ambuja	ambujacement@gmail.com	2	81.90
ambuja	ambujacement@gmail.com	4	297.00

We can see our last transaction we did using azure login inside transaction database:



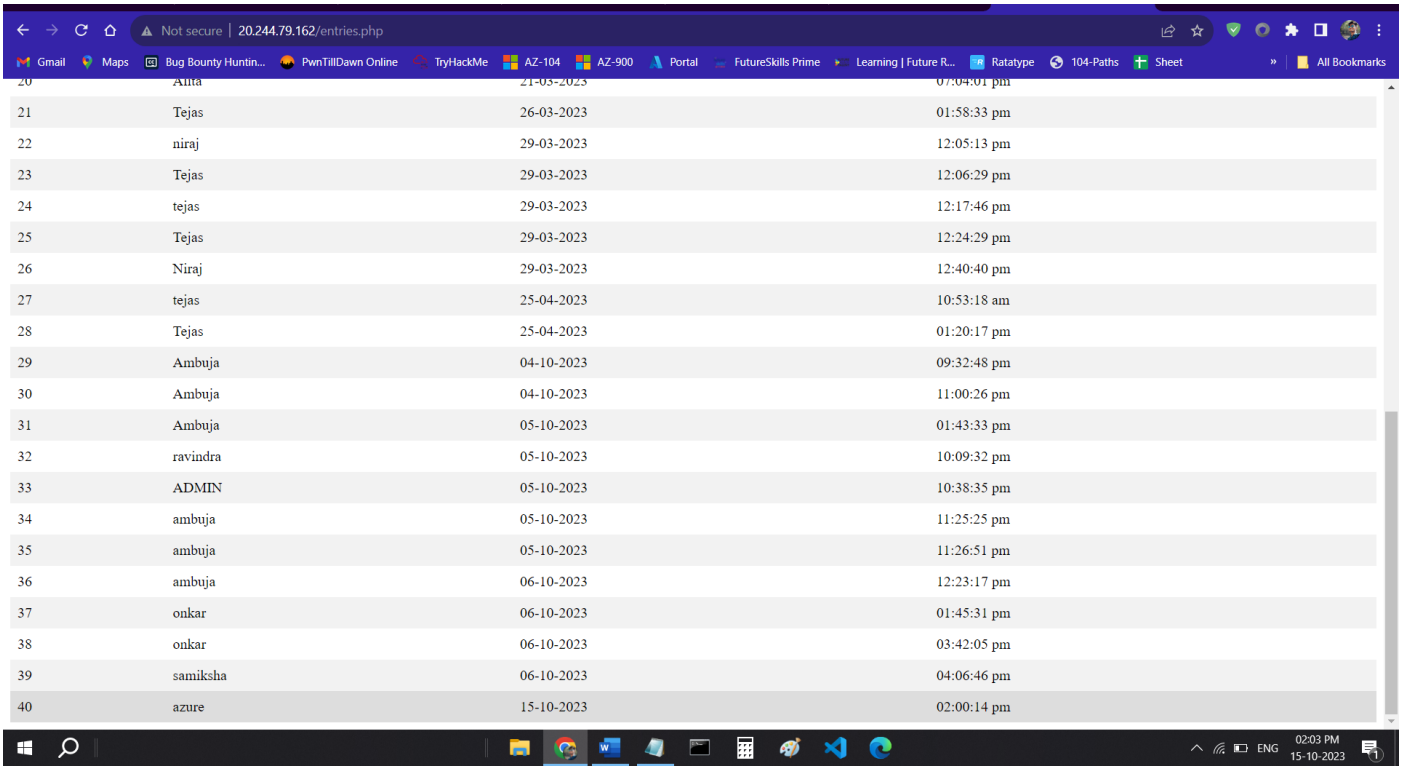
Priya	priyakapade@gmail.com	2	75.58
Mayur	mayurmalkhede@gmail.com	2	269.10
Tejas	tejaskapade@gmail.com	9	1124.10
Tejas	tejaskapade@gmail.com	4	176.40
Alita	battleangel@gmail.com	6	372.60
Tejas	tejaskapade@gmail.com	6	621.00
niraj	niluu@gmail.com	2	180.00
Tejas	tejaskapade@gmail.com	3	349.20
tejas	tejaskapade@gmail.com	3	142.20
Tejas	tejaskapade@gmail.com	3	98.10
tejas	tejaskapade@gmail.com	3	331.20
Tejas	tejaskapade@gmail.com	4	1391.40
Ambuja	ambujacement@gmail.com	5	612.90
Ambuja	ambujacement@gmail.com	1	225.00
ravindra	raviadabale@gmail.com	1	62.10
ambuja	ambujacement@gmail.com	2	81.90
ambuja	ambujacement@gmail.com	4	297.00
ambuja	ambujacement@gmail.com	4	297.00
onkar	onkarmail@gmail.com	3	162.00
samiksha	samikshagmail@gmail.com	5	504.90
azure	azurekubernetes@gmail.com	5	485.10



ID	Name	Date	Time
1	Tejas	09-03-2023	04:05:36 pm
2	Priya	09-03-2023	04:08:56 pm
3	Alita	09-03-2023	04:17:07 pm
4	Tejas	09-03-2023	04:20:52 pm
5	Priya	09-03-2023	04:22:10 pm
6	Tejas	09-03-2023	04:23:18 pm
7	Tejas	09-03-2023	11:59:55 pm
8	Mayur	10-03-2023	12:03:54 am
9	Alita	10-03-2023	12:07:34 am
10	Priya	10-03-2023	03:34:27 pm
11	Alita	10-03-2023	04:00:50 pm
12	Tejas	12-03-2023	02:52:00 pm
13	Alita	21-03-2023	03:10:54 pm
14	Alita	21-03-2023	03:14:27 pm
15	Tejas	21-03-2023	03:23:26 pm
16	Alita	21-03-2023	03:47:56 pm
17	Alita	21-03-2023	03:52:01 pm
18	Tejas	21-03-2023	03:56:19 pm

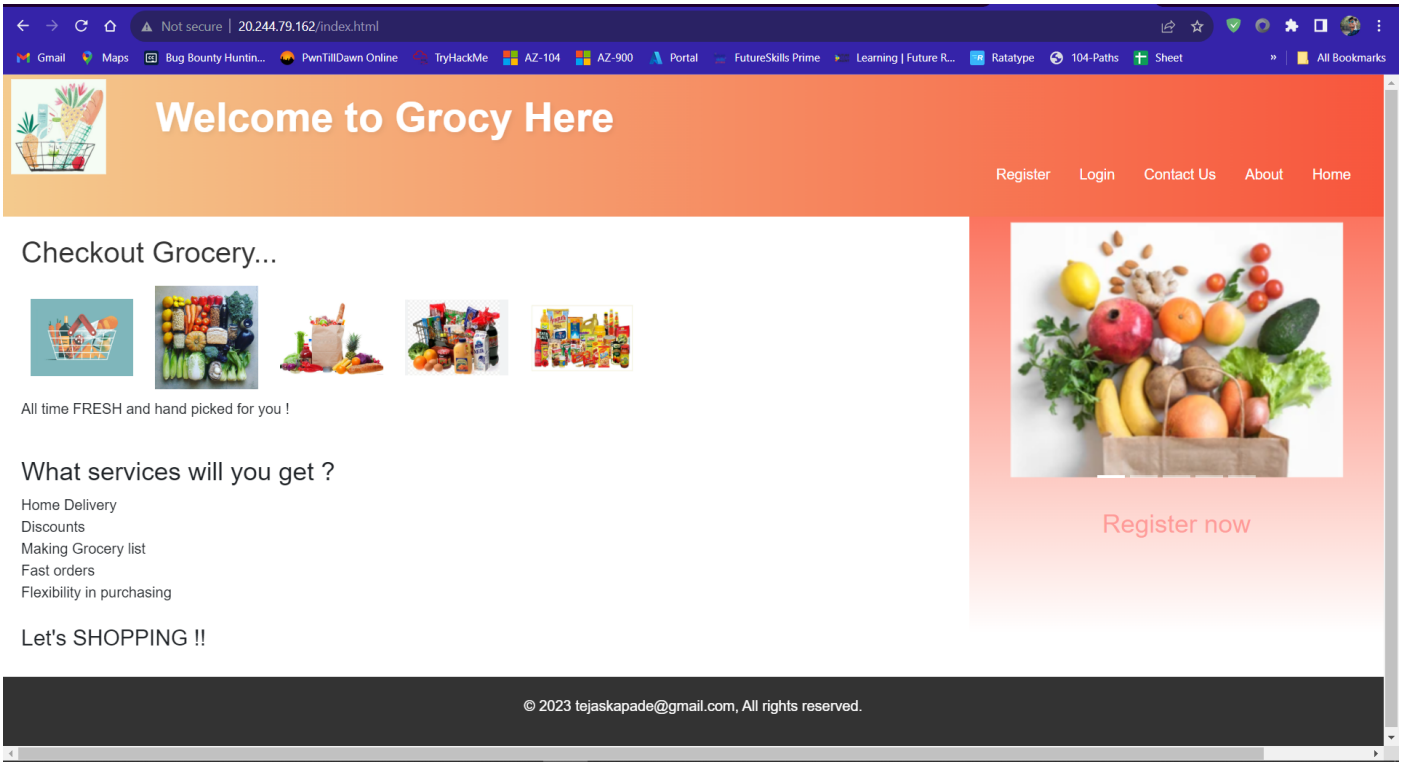
We also can see our login time and date details inside entries page:

Last entry was from azure user as we did now.

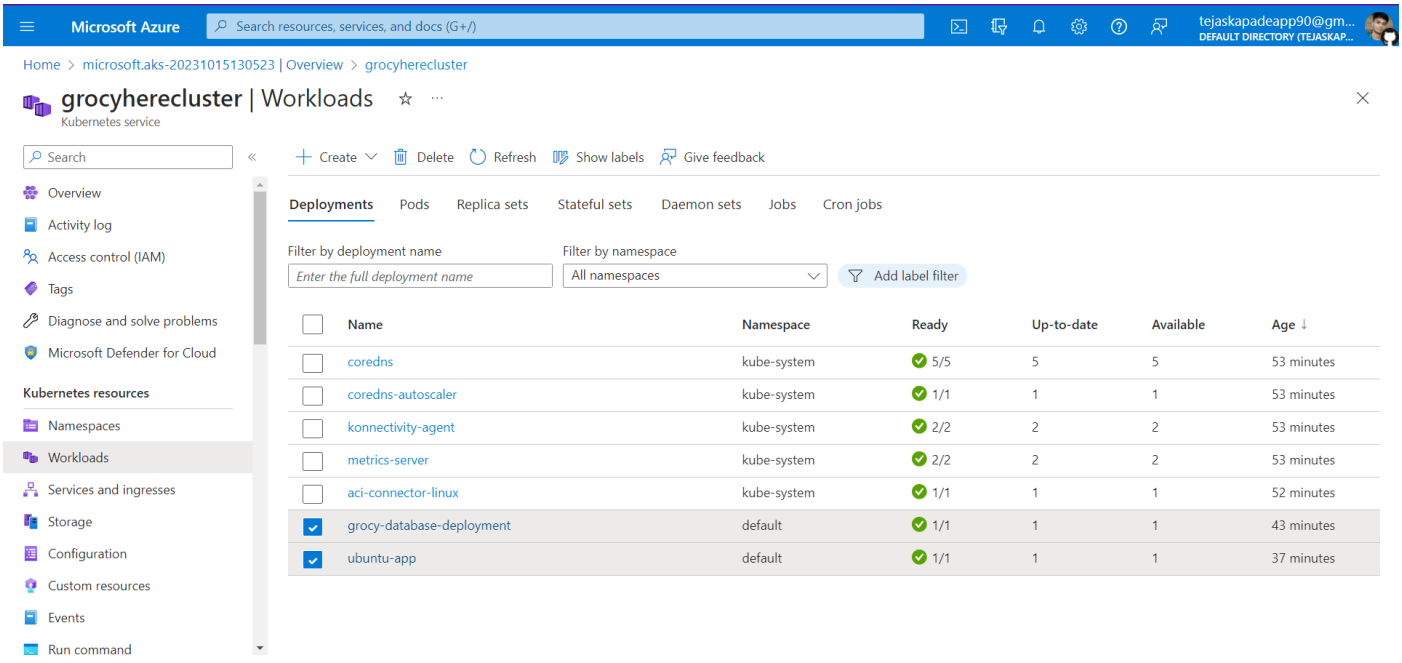


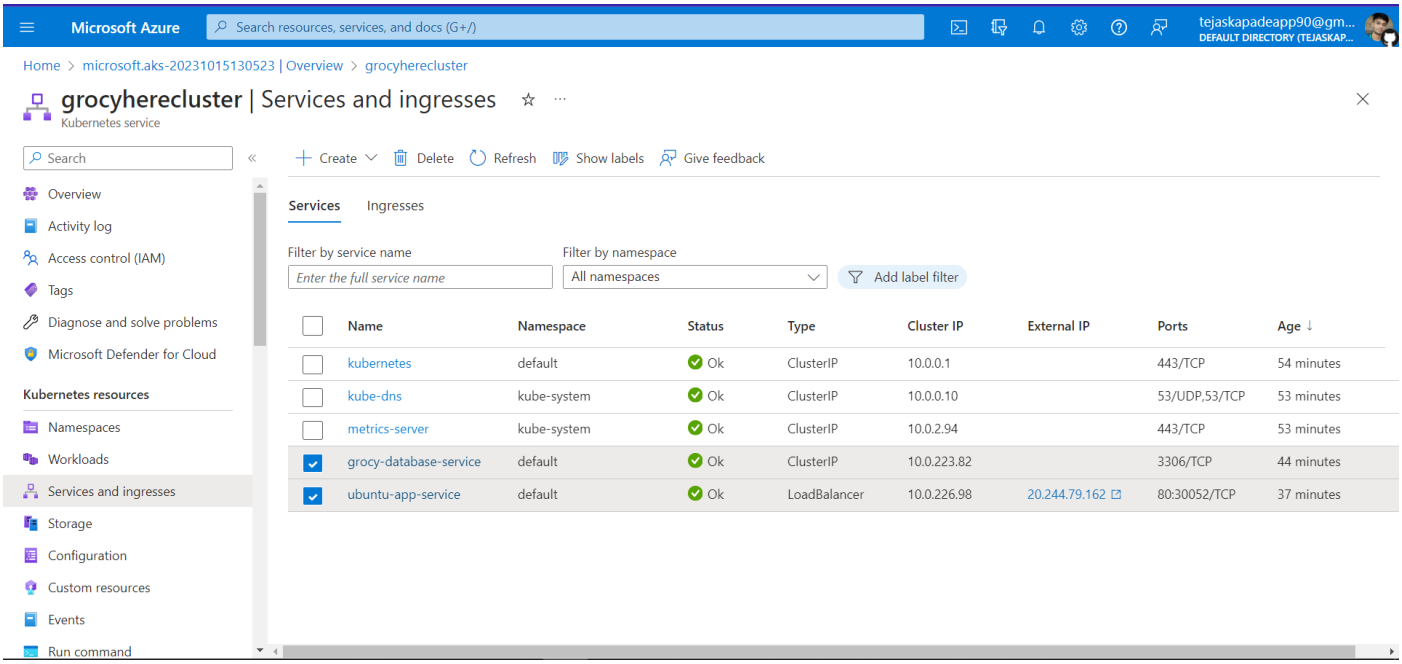
20	Alita	21-03-2023	07:04:01 pm
21	Tejas	26-03-2023	01:58:33 pm
22	niraj	29-03-2023	12:05:13 pm
23	Tejas	29-03-2023	12:06:29 pm
24	tejas	29-03-2023	12:17:46 pm
25	Tejas	29-03-2023	12:24:29 pm
26	Niraj	29-03-2023	12:40:40 pm
27	tejas	25-04-2023	10:53:18 am
28	Tejas	25-04-2023	01:20:17 pm
29	Ambuja	04-10-2023	09:32:48 pm
30	Ambuja	04-10-2023	11:00:26 pm
31	Ambuja	05-10-2023	01:43:33 pm
32	ravindra	05-10-2023	10:09:32 pm
33	ADMIN	05-10-2023	10:38:35 pm
34	ambuja	05-10-2023	11:25:25 pm
35	ambuja	05-10-2023	11:26:51 pm
36	ambuja	06-10-2023	12:23:17 pm
37	onkar	06-10-2023	01:45:31 pm
38	onkar	06-10-2023	03:42:05 pm
39	samiksha	06-10-2023	04:06:46 pm
40	azure	15-10-2023	02:00:14 pm

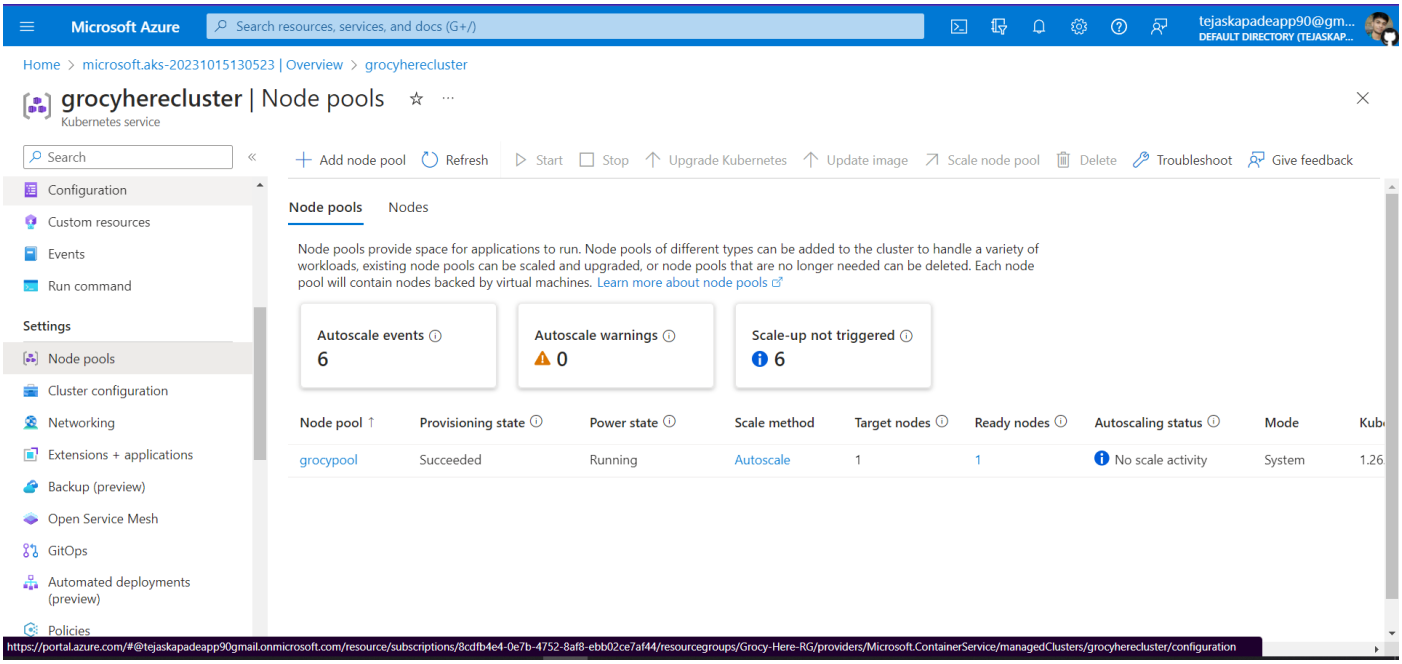
That’s all about our web-application.

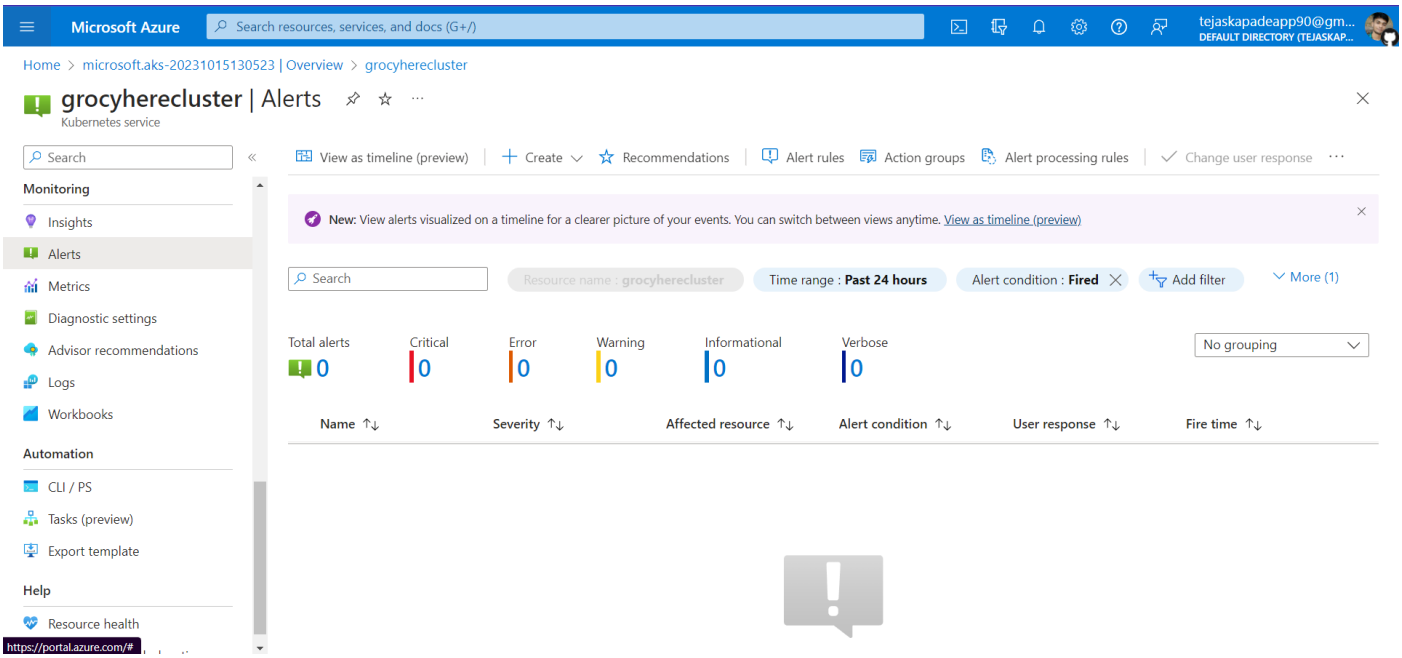


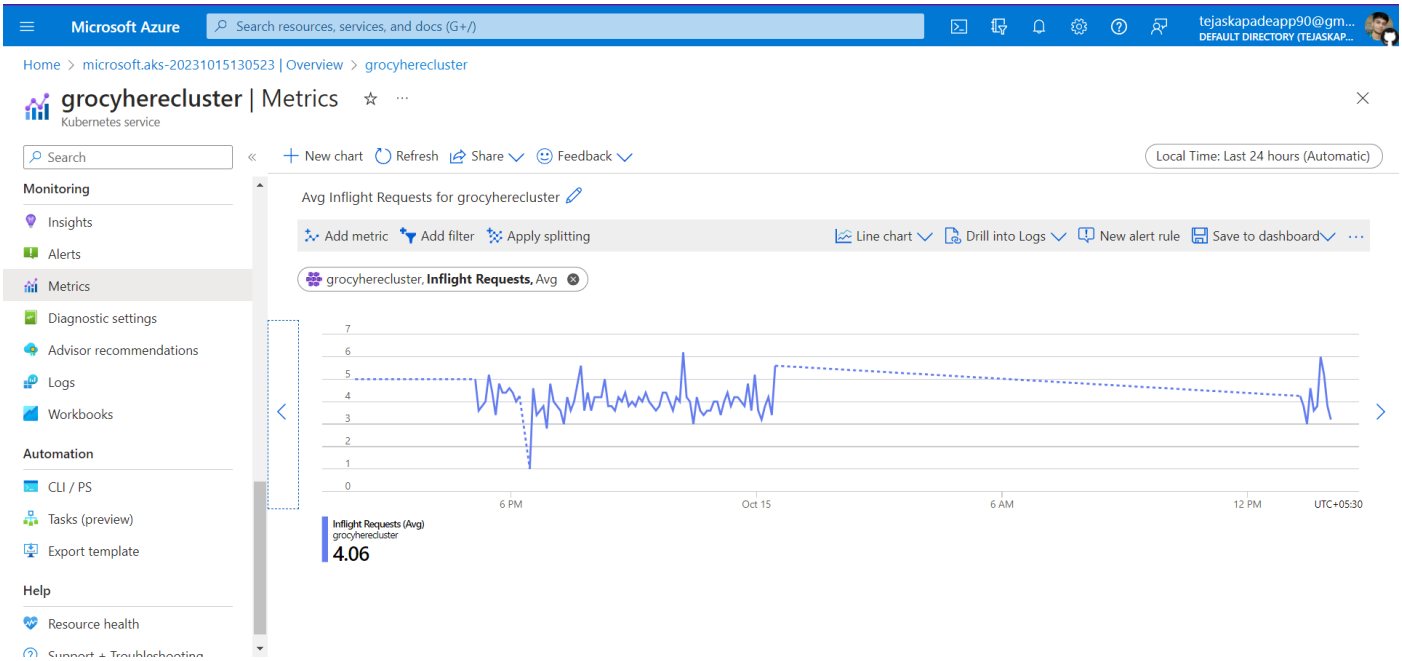
Resources and Azure-Services Overview:

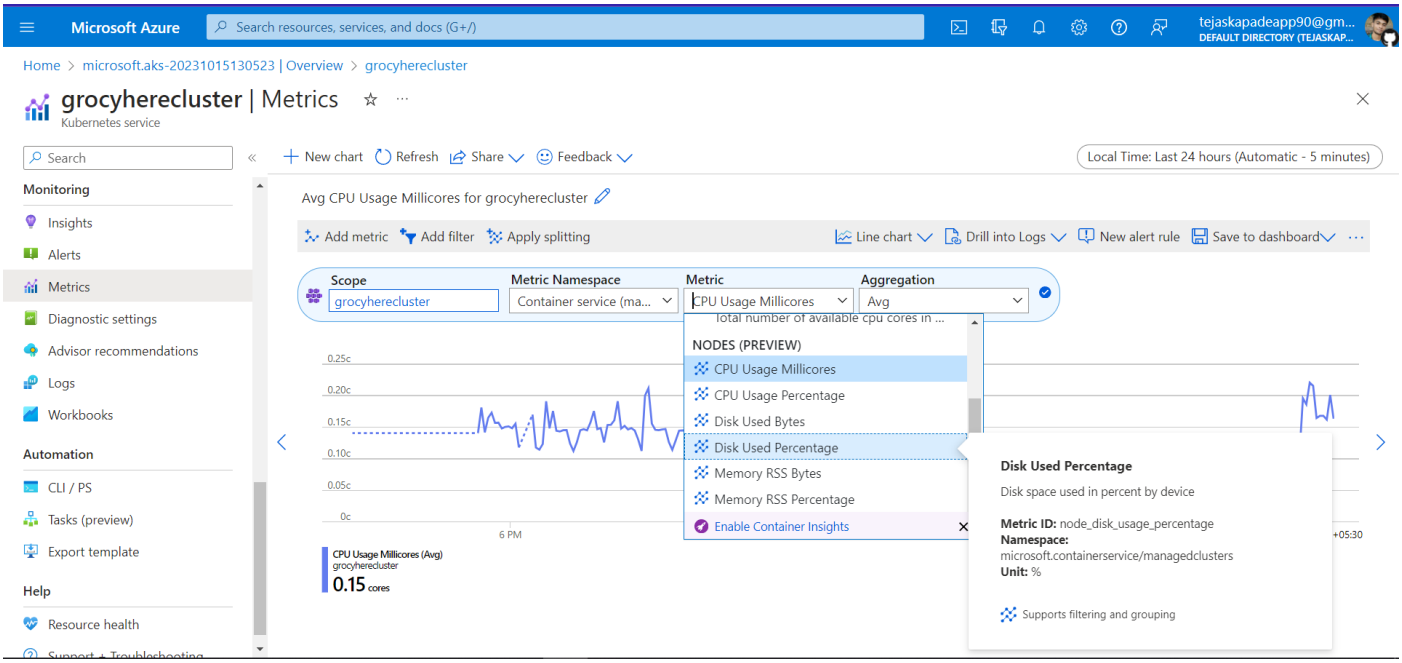


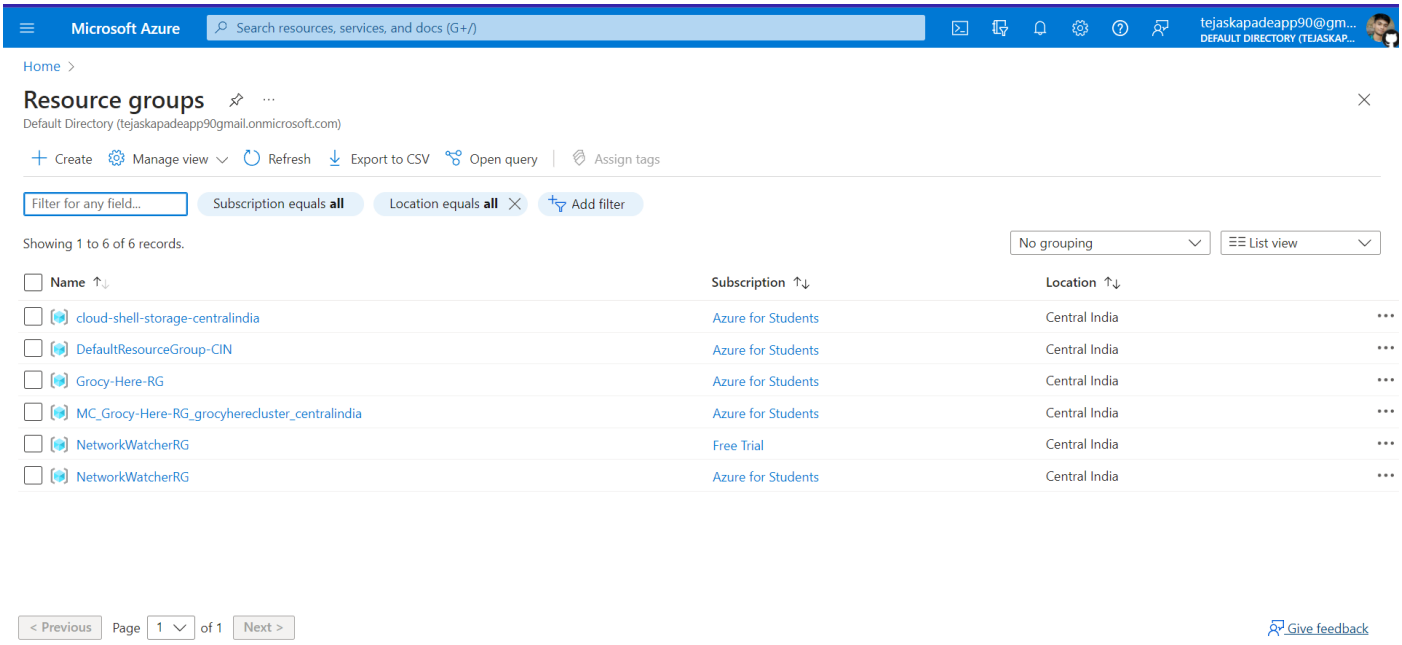


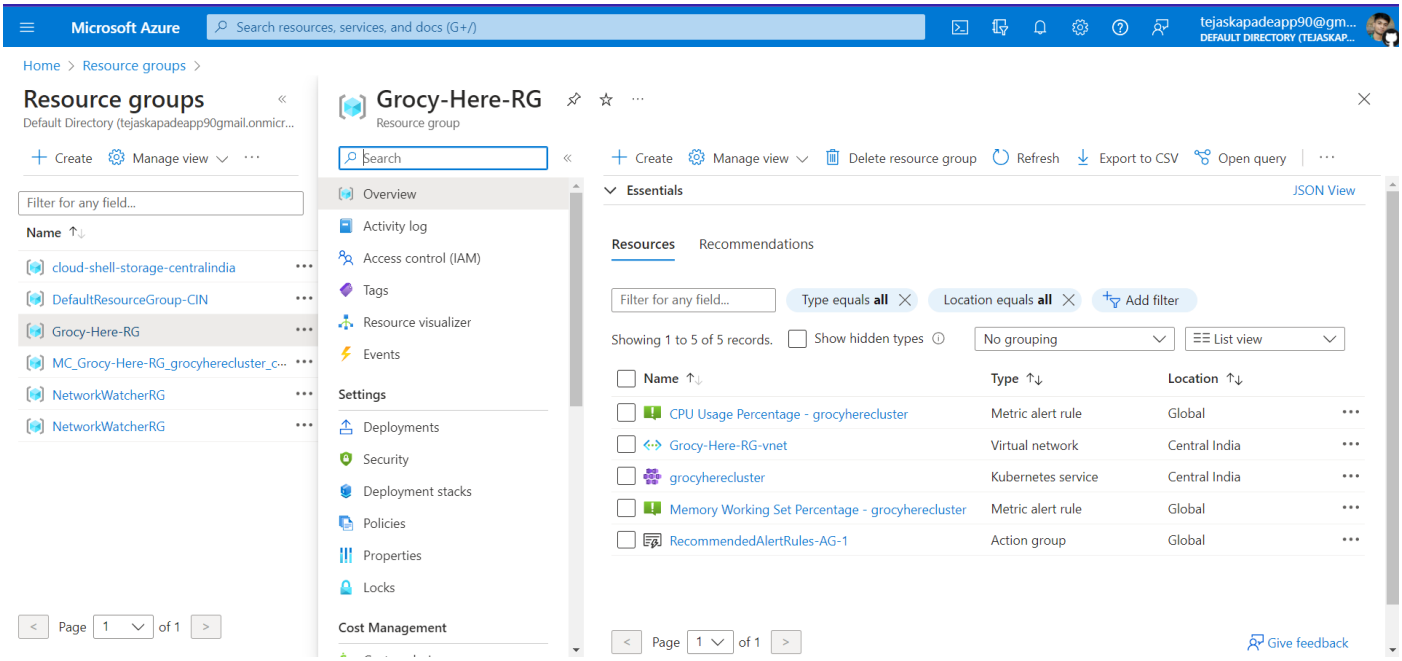

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > microsoft.aks-20231015130523 | Overview > grocyherecluster
grocyherecluster | Node pools
Kubernetes service
Search
Configuration
Custom resources
Events
Run command
Settings
Node pools
Cluster configuration
Networking
Extensions + applications
Backup (preview)
Open Service Mesh
GitOps
Automated deployments (preview)
Policies
Add node pool
Refresh
Start
Stop
Upgrade Kubernetes
Update image
Scale node pool
Delete
Troubleshoot
Give feedback
Node pools
Nodes
Node pools provide space for applications to run. Node pools of different types can be added to the cluster to handle a variety of workloads, existing node pools can be scaled and upgraded, or node pools that are no longer needed can be deleted. Each node pool will contain nodes backed by virtual machines. Learn more about node pools
Autoscale events
6
Autoscale warnings
0
Scale-up not triggered
6
Node pool
Provisioning state
Power state
Scale method
Target nodes
Ready nodes
Autoscaling status
Mode
grocypool
Succeeded
Running
Autoscale
1
1
No scale activity
System
https://portal.azure.com/#@tejaskapadeapp90gmail.onmicrosoft.com/resource/subscriptions/8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44/resourcegroups/Grocy-Here-RG/providers/Microsoft.ContainerService/managedClusters/grocyherecluster/configuration

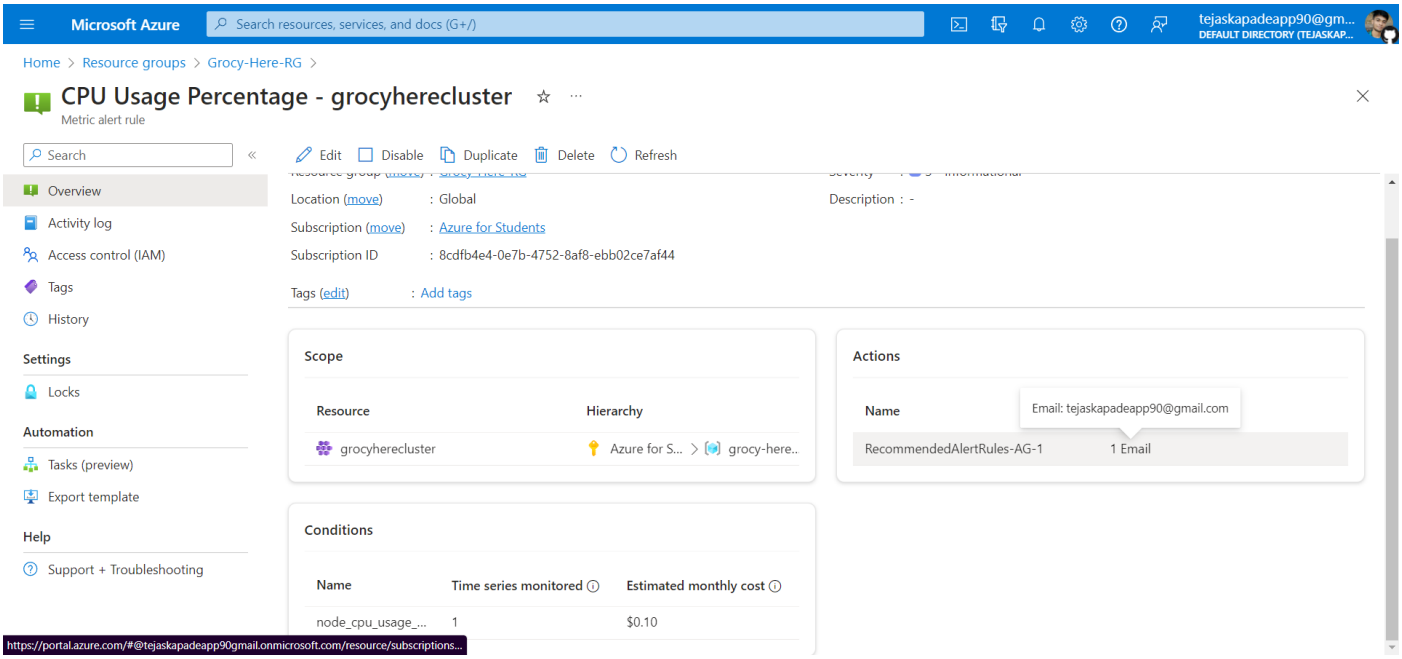

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > microsoft.aks-20231015130523 | Overview > grocyherecluster
grocyherecluster | Alerts
Kubernetes service
Search
Monitoring
Insights
Alerts
Metrics
Diagnostic settings
Advisor recommendations
Logs
Workbooks
Automation
CLI / PS
Tasks (preview)
Export template
Help
Resource health
View as timeline (preview)
Create
Recommendations
Alert rules
Action groups
Alert processing rules
Change user response
New: View alerts visualized on a timeline for a clearer picture of your events. You can switch between views anytime. View as timeline (preview)
Search
Resource name : grocyherecluster
Time range : Past 24 hours
Alert condition : Fired
Add filter
More (1)
Total alerts
0
Critical
0
Error
0
Warning
0
Informational
0
Verbose
0
No grouping
Name
Severity
Affected resource
Alert condition
User response
Fire time
https://portal.azure.com/#

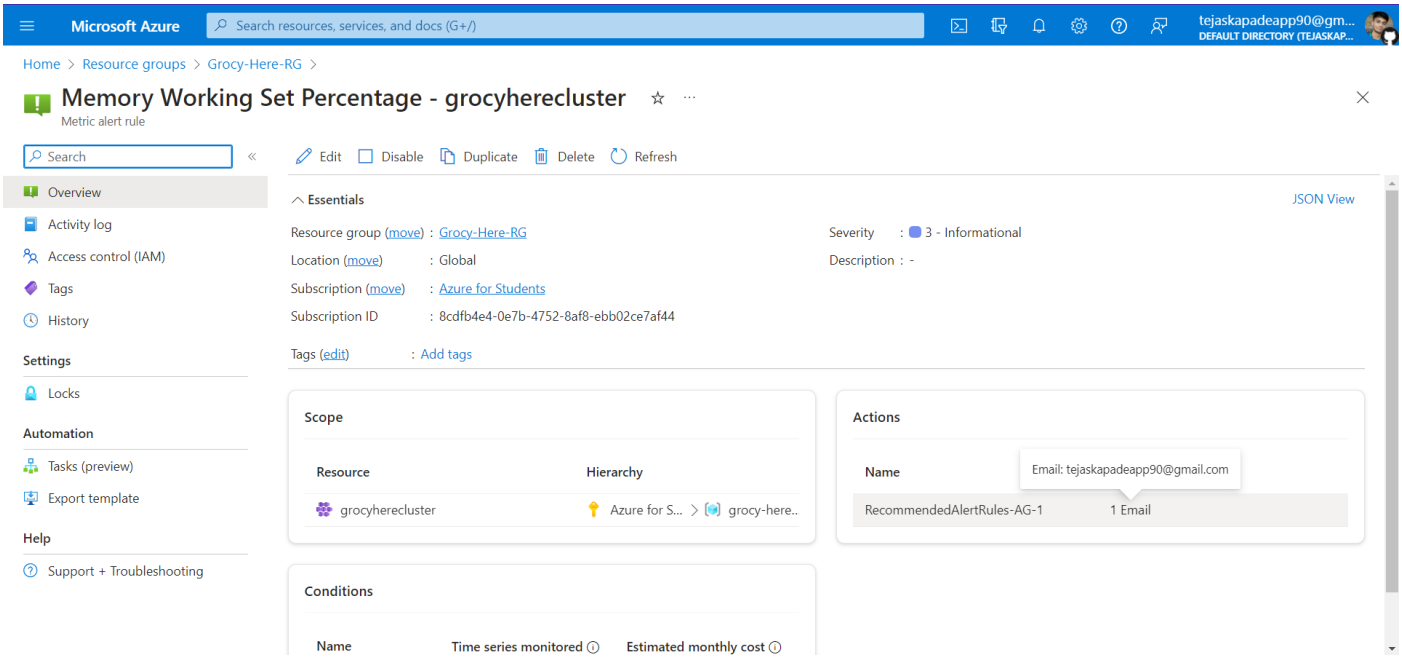

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > microsoft.aks-20231015130523 | Overview > grocyherecluster
grocyherecluster | Metrics
Kubernetes service
Search
New chart
Refresh
Share
Feedback
Local Time: Last 24 hours (Automatic)
Monitoring
Insights
Alerts
Metrics
Diagnostic settings
Advisor recommendations
Logs
Workbooks
Automation
CLI / PS
Tasks (preview)
Export template
Help
Resource health
Avg Inflight Requests for grocyherecluster
Add metric
Add filter
Apply splitting
Line chart
Drill into Logs
New alert rule
Save to dashboard
grocyherecluster, Inflight Requests, Avg
7
6
5
4
3
2
1
0
6 PM
Oct 15
6 AM
12 PM
UTC+05:30
Inflight Requests (Avg)
grocyherecluster
4.06

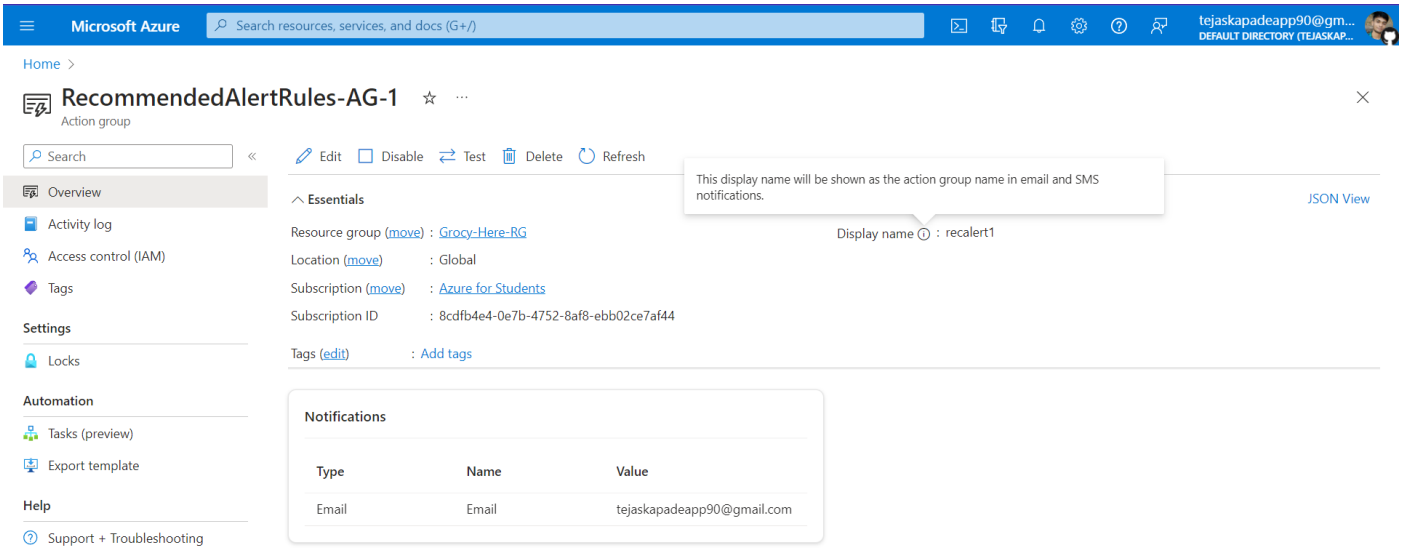

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > microsoft.aks-20231015130523 | Overview > grocyherecluster
grocyherecluster | Metrics
Kubernetes service
Search
New chart
Refresh
Share
Feedback
Local Time: Last 24 hours (Automatic - 5 minutes)
Monitoring
Insights
Alerts
Metrics
Diagnostic settings
Advisor recommendations
Logs
Workbooks
Automation
CLI / PS
Tasks (preview)
Export template
Help
Resource health
Avg CPU Usage Millicores for grocyherecluster
Add metric
Add filter
Apply splitting
Line chart
Drill into Logs
New alert rule
Save to dashboard
Scope
grocyherecluster
Metric Namespace
Container service (ma...
Metric
CPU Usage Millicores
Aggregation
Avg
NODES (PREVIEW)
CPU Usage Millicores
CPU Usage Percentage
Disk Used Bytes
Disk Used Percentage
Memory RSS Bytes
Memory RSS Percentage
Enable Container Insights
Disk Used Percentage
Disk space used in percent by device
Metric ID: node_disk_usage_percentage
Namespace:
microsoft.containerservice/managedclusters
Unit: %
Supports filtering and grouping
0.25c
0.20c
0.15c
0.10c
0.05c
0c
6 PM
CPU Usage Millicores (Avg)
grocyherecluster
0.15 cores

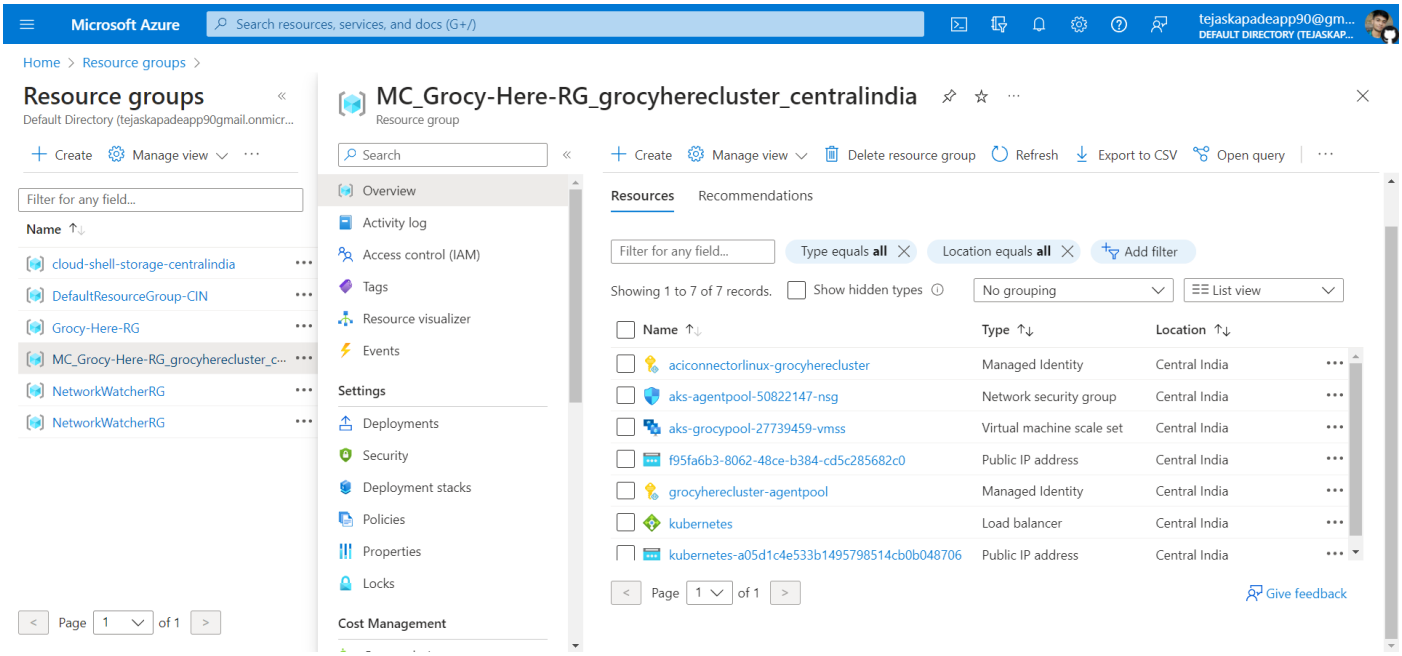

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home
Resource groups
Default Directory (tejaskapadeapp90gmail.onmicrosoft.com)
Create
Manage view
Refresh
Export to CSV
Open query
Assign tags
Filter for any field...
Subscription equals all
Location equals all
Add filter
Showing 1 to 6 of 6 records.
No grouping
List view
Name
Subscription
Location
cloud-shell-storage-centralindia
Azure for Students
Central India
DefaultResourceGroup-CIN
Azure for Students
Central India
Grocy-Here-RG
Azure for Students
Central India
MC_Grocy-Here-RG_grocyherecluster_centralindia
Azure for Students
Central India
NetworkWatcherRG
Free Trial
Central India
NetworkWatcherRG
Azure for Students
Central India
< Previous
Page 1 of 1
Next >
Give feedback

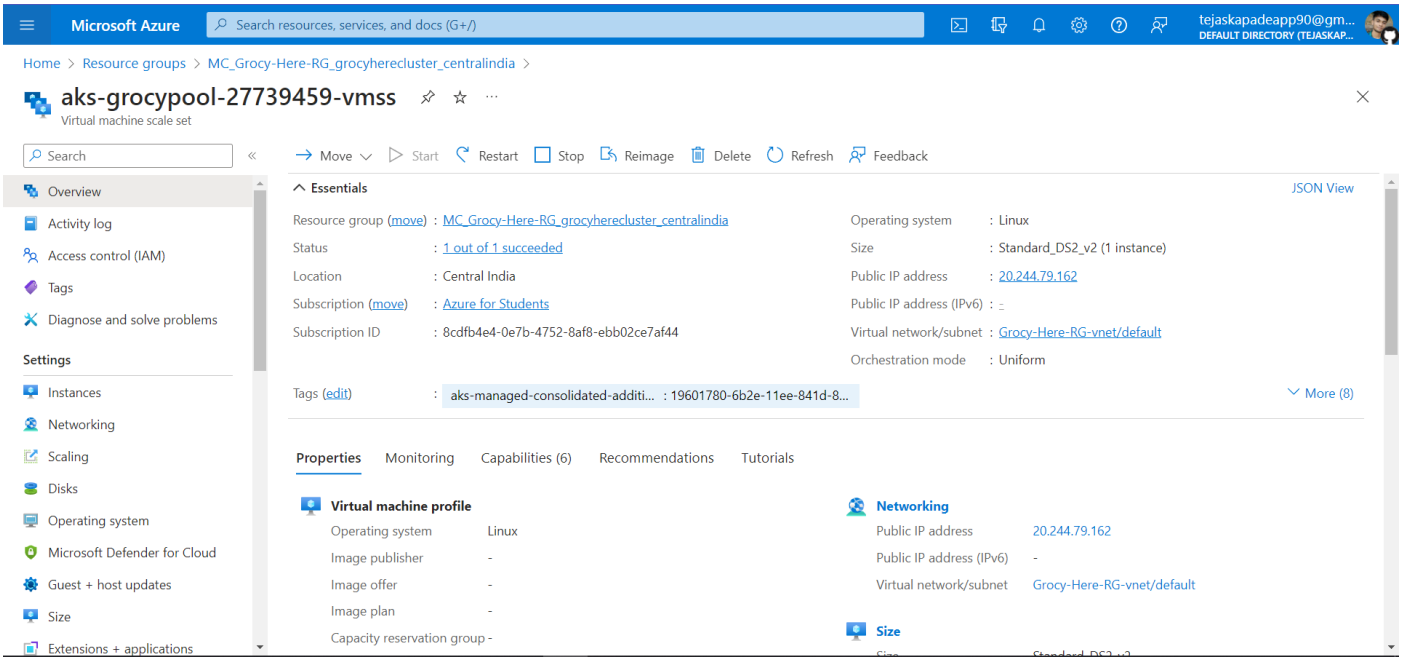

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home
Resource groups
Resource groups
Default Directory (tejaskapadeapp90gmail.onmicr...
Create
Manage view
Filter for any field...
Name
cloud-shell-storage-centralindia
DefaultResourceGroup-CIN
Grocy-Here-RG
MC_Grocy-Here-RG_grocyherecluster_c...
NetworkWatcherRG
NetworkWatcherRG
Page 1 of 1
Grocy-Here-RG
Resource group
Search
Overview
Activity log
Access control (IAM)
Tags
Resource visualizer
Events
Settings
Deployments
Security
Deployment stacks
Policies
Properties
Locks
Cost Management
Create
Manage view
Delete resource group
Refresh
Export to CSV
Open query
Essentials
JSON View
Resources
Recommendations
Filter for any field...
Type equals all
Location equals all
Add filter
Showing 1 to 5 of 5 records.
Show hidden types
No grouping
List view
Name
Type
Location
CPU Usage Percentage - grocyherecluster
Metric alert rule
Global
Grocy-Here-RG-vnet
Virtual network
Central India
grocyherecluster
Kubernetes service
Central India
Memory Working Set Percentage - grocyherecluster
Metric alert rule
Global
RecommendedAlertRules-AG-1
Action group
Global
Page 1 of 1
Give feedback

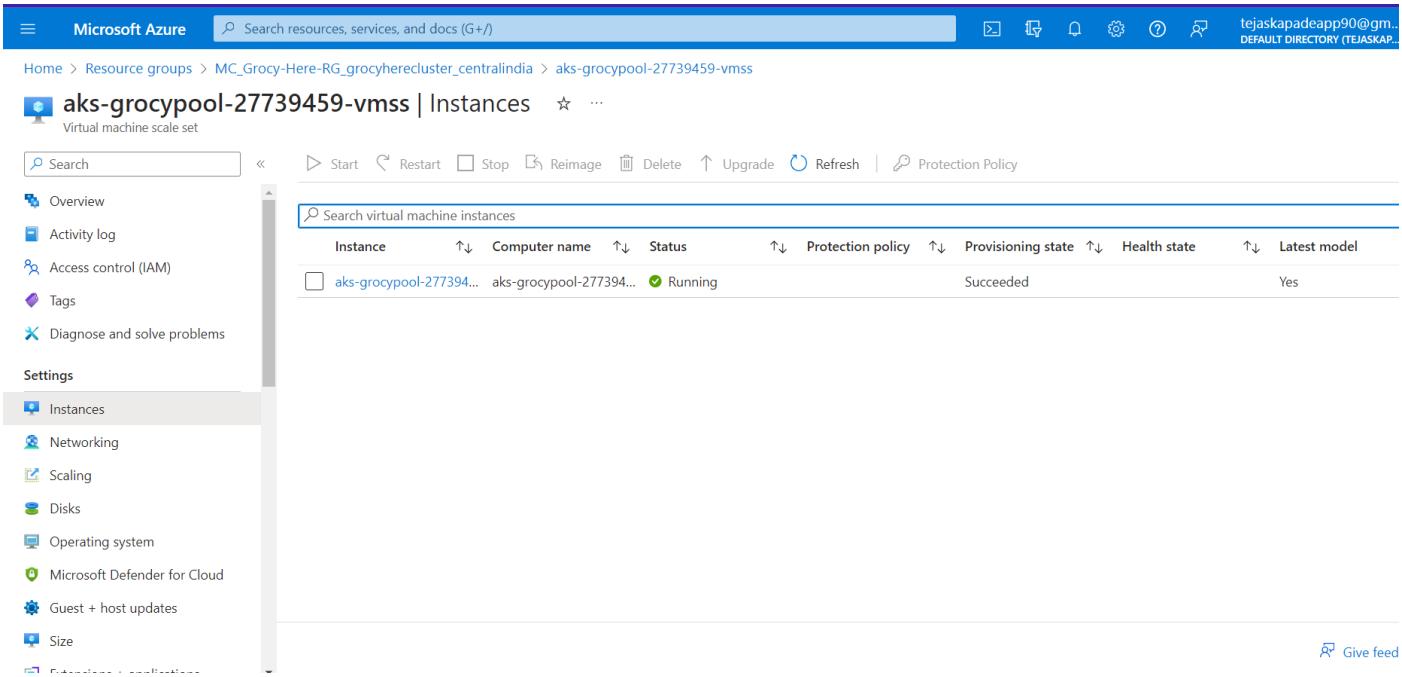

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > Grocy-Here-RG >
CPU Usage Percentage - grocyherecluster
Metric alert rule
Search
Edit
Disable
Duplicate
Delete
Refresh
Overview
Activity log
Access control (IAM)
Tags
History
Settings
Locks
Automation
Tasks (preview)
Export template
Help
Support + Troubleshooting
Location (move) : Global
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
Description : -
Tags (edit) : Add tags
Scope
Resource
Hierarchy
grocyherecluster
Azure for S... > grocy-here..
Actions
Name
Email: tejaskapadeapp90@gmail.com
RecommendedAlertRules-AG-1
1 Email
Conditions
Name
Time series monitored
Estimated monthly cost
node_cpu_usage_...
1
$0.10
https://portal.azure.com/#@tejaskapadeapp90gmail.onmicrosoft.com/resource/subscriptions...

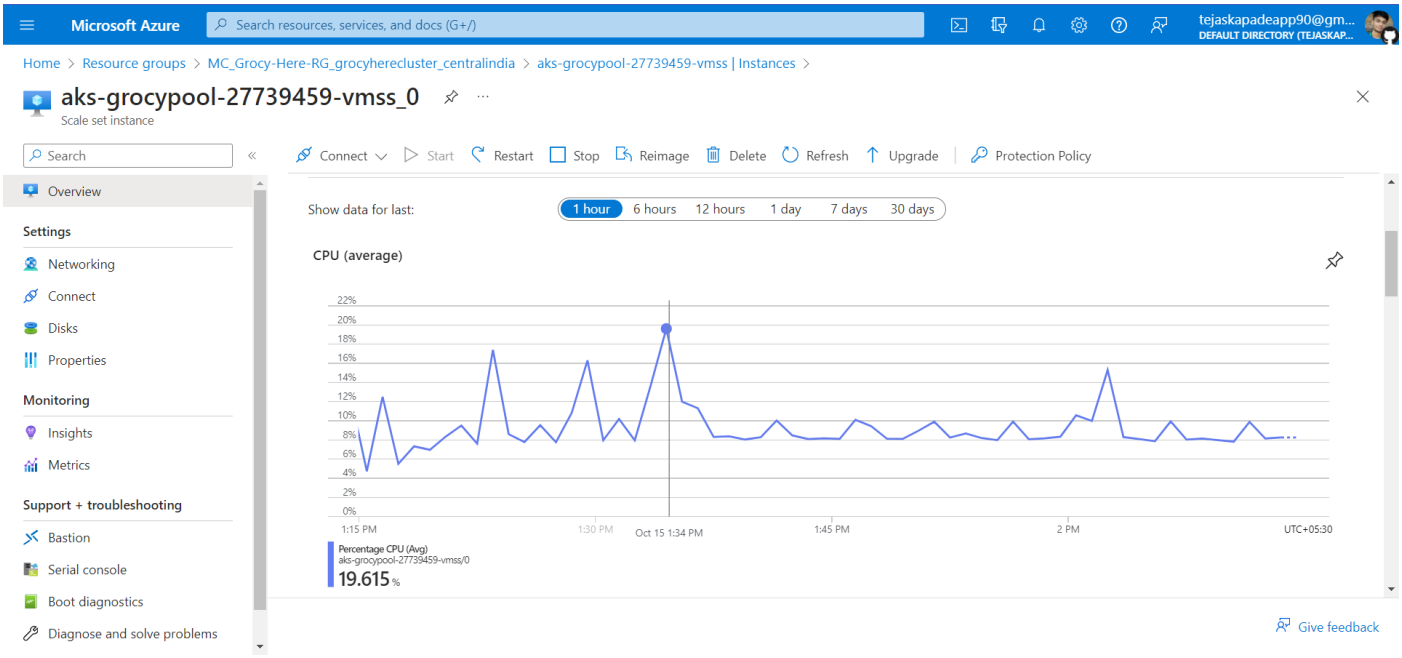

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > Grocy-Here-RG >
Memory Working Set Percentage - grocyherecluster
Metric alert rule
Search
Edit
Disable
Duplicate
Delete
Refresh
Overview
Activity log
Access control (IAM)
Tags
History
Settings
Locks
Automation
Tasks (preview)
Export template
Help
Support + Troubleshooting
Essentials
JSON View
Resource group (move) : Grocy-Here-RG
Location (move) : Global
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
Severity : 3 - Informational
Description : -
Tags (edit) : Add tags
Scope
Resource
Hierarchy
grocyherecluster
Azure for S... > grocy-here..
Actions
Name
Email: tejaskapadeapp90@gmail.com
RecommendedAlertRules-AG-1
1 Email
Conditions
Name
Time series monitored
Estimated monthly cost

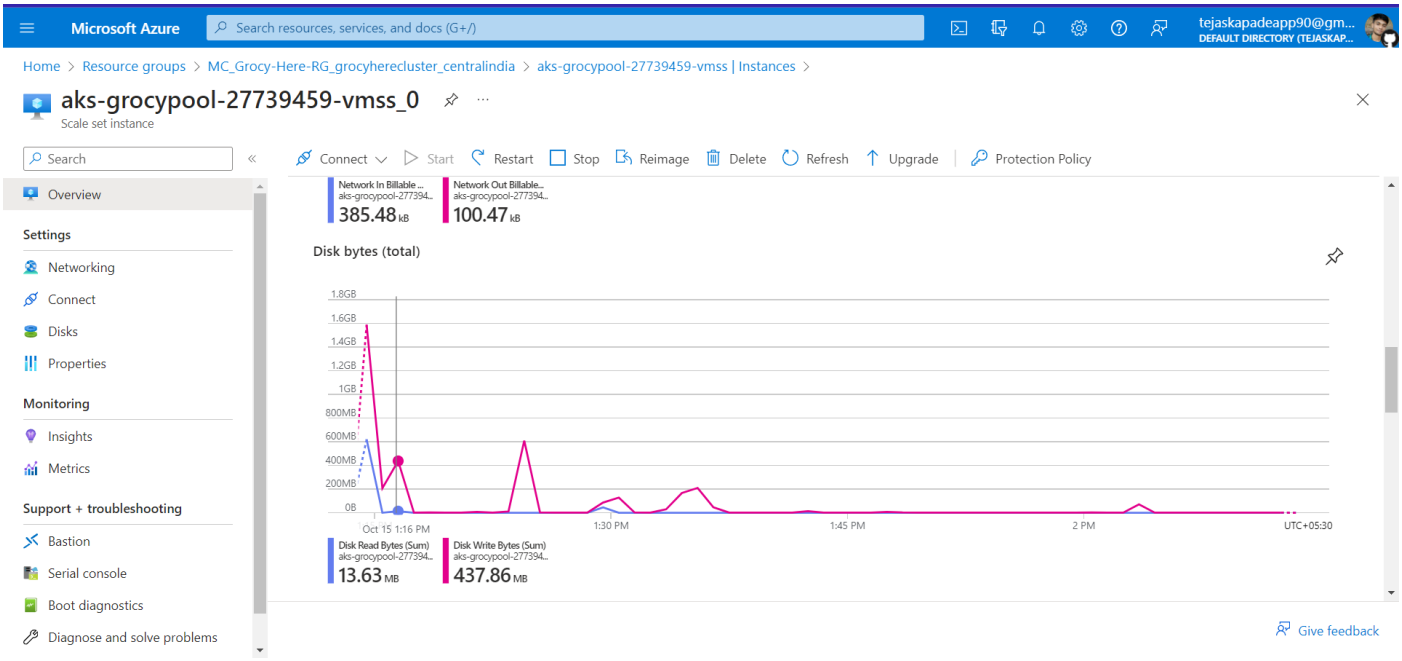

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home
RecommendedAlertRules-AG-1
Action group
Search
Overview
Activity log
Access control (IAM)
Tags
Settings
Locks
Automation
Tasks (preview)
Export template
Help
Support + Troubleshooting
Edit
Disable
Test
Delete
Refresh
This display name will be shown as the action group name in email and SMS notifications.
Essentials
JSON View
Resource group (move) : Grocy-Here-RG
Location (move) : Global
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
Display name : recalert1
Tags (edit) : Add tags
Notifications
Type
Name
Value
Email
Email
tejaskapadeapp90@gmail.com

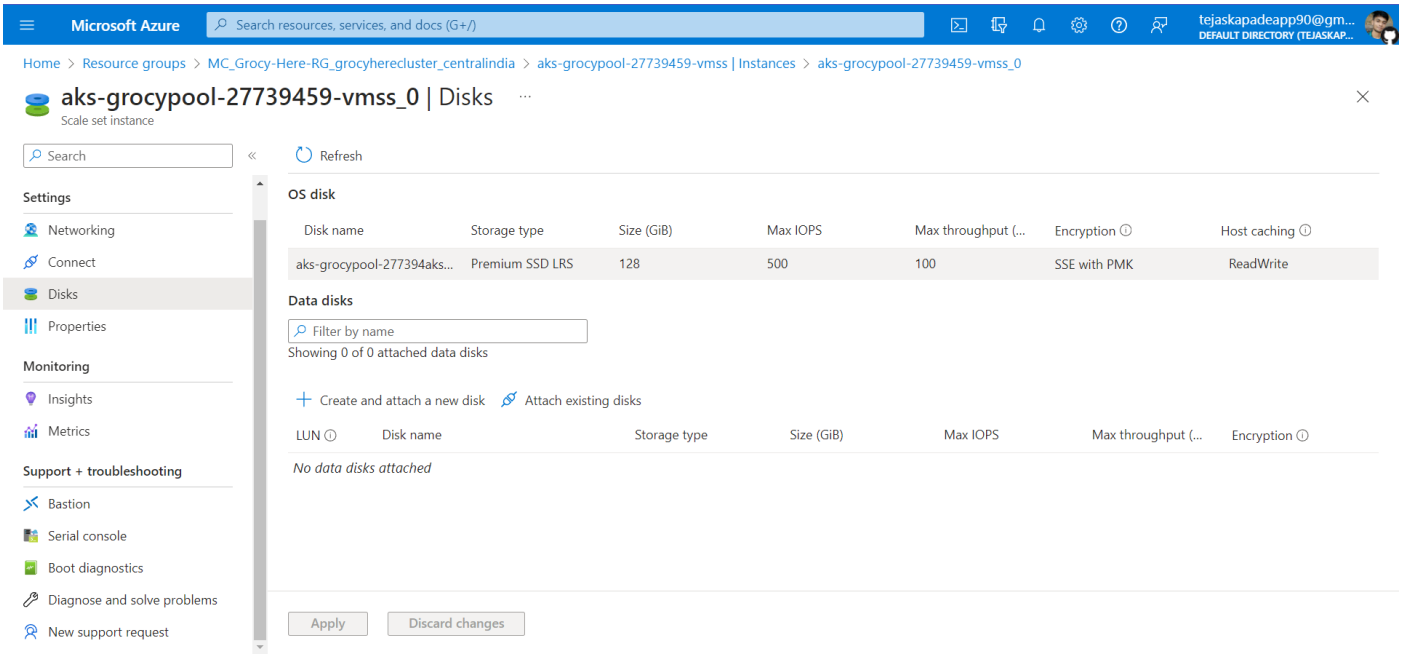

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home
Resource groups
Resource groups
Default Directory (tejaskapadeapp90gmail.onmicr...
Create
Manage view
Filter for any field...
Name
cloud-shell-storage-centralindia
DefaultResourceGroup-CIN
Grocy-Here-RG
MC_Grocy-Here-RG_grocyherecluster_c...
NetworkWatcherRG
NetworkWatcherRG
Page 1 of 1
MC_Grocy-Here-RG_grocyherecluster_centralindia
Resource group
Search
Overview
Activity log
Access control (IAM)
Tags
Resource visualizer
Events
Settings
Deployments
Security
Deployment stacks
Policies
Properties
Locks
Cost Management
Create
Manage view
Delete resource group
Refresh
Export to CSV
Open query
Resources
Recommendations
Filter for any field...
Type equals all
Location equals all
Add filter
Showing 1 to 7 of 7 records.
Show hidden types
No grouping
List view
Name
Type
Location
aciconnectorlinux-grocyherecluster
Managed Identity
Central India
aks-agentpool-50822147-nsg
Network security group
Central India
aks-grocypool-27739459-vmss
Virtual machine scale set
Central India
f95fa6b3-8062-48ce-b384-cd5c285682c0
Public IP address
Central India
grocyherecluster-agentpool
Managed Identity
Central India
kubernetes
Load balancer
Central India
kubernetes-a05d1c4e533b1495798514cb0b048706
Public IP address
Central India
Page 1 of 1
Give feedback

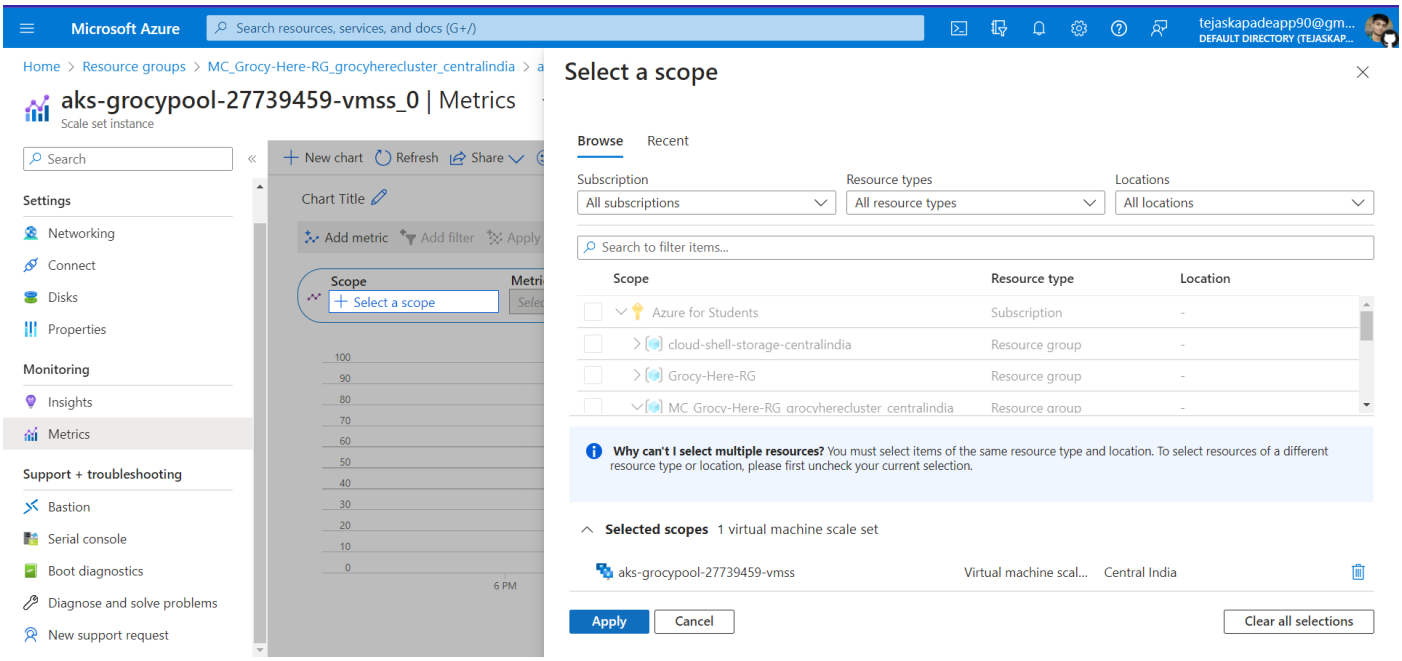

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia >
aks-grocypool-27739459-vmss
Virtual machine scale set
Search
Move
Start
Restart
Stop
Reimage
Delete
Refresh
Feedback
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Instances
Networking
Scaling
Disks
Operating system
Microsoft Defender for Cloud
Guest + host updates
Size
Extensions + applications
Essentials
JSON View
Resource group (move) : MC_Grocy-Here-RG_grocyherecluster_centralindia
Status : 1 out of 1 succeeded
Location : Central India
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
Operating system : Linux
Size : Standard_DS2_v2 (1 instance)
Public IP address : 20.244.79.162
Public IP address (IPv6) : -
Virtual network/subnet : Grocy-Here-RG-vnet/default
Orchestration mode : Uniform
Tags (edit) : aks-managed-consolidated-additi... : 19601780-6b2e-11ee-841d-8...
More (8)
Properties
Monitoring
Capabilities (6)
Recommendations
Tutorials
Virtual machine profile
Operating system Linux
Image publisher -
Image offer -
Image plan -
Capacity reservation group -
Networking
Public IP address 20.244.79.162
Public IP address (IPv6) -
Virtual network/subnet Grocy-Here-RG-vnet/default
Size

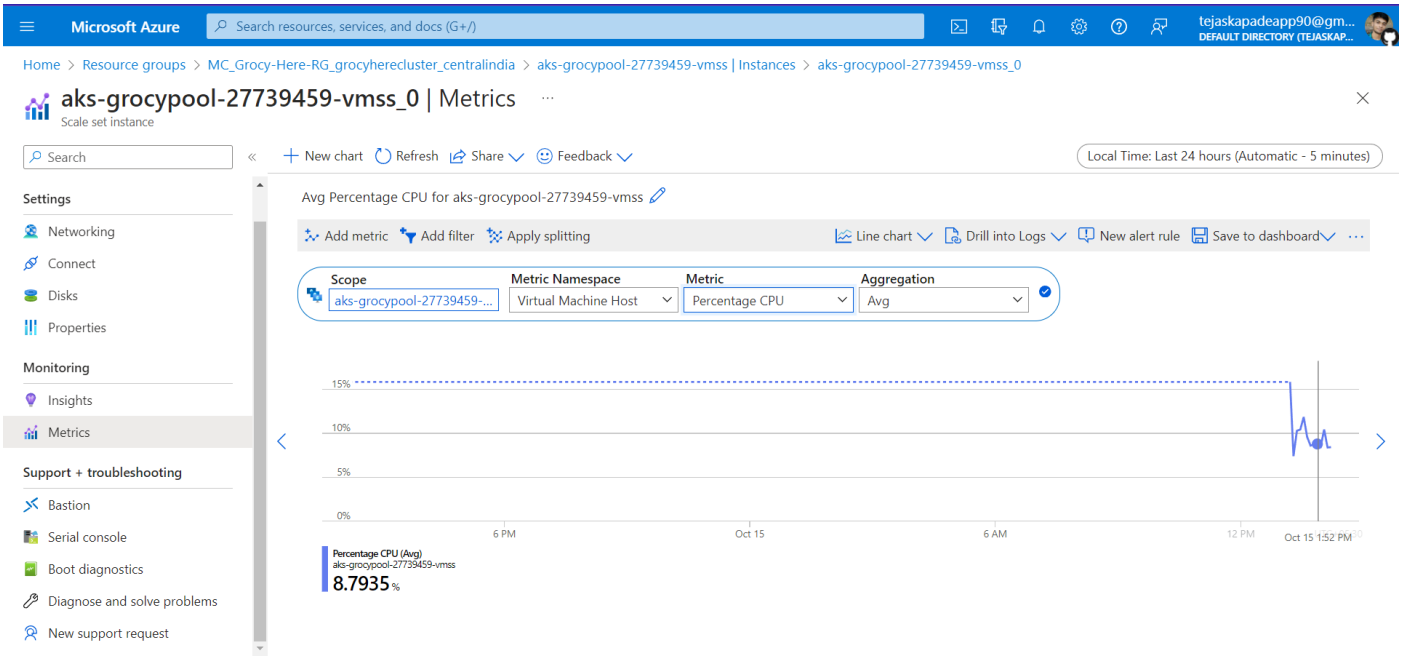

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia > aks-grocypool-27739459-vmss
aks-grocypool-27739459-vmss | Instances
Virtual machine scale set
Search
Start
Restart
Stop
Reimage
Delete
Upgrade
Refresh
Protection Policy
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Instances
Networking
Scaling
Disks
Operating system
Microsoft Defender for Cloud
Guest + host updates
Size
Search virtual machine instances
Instance
Computer name
Status
Protection policy
Provisioning state
Health state
Latest model
aks-grocypool-277394...
aks-grocypool-277394...
Running
Succeeded
Yes
Give feed

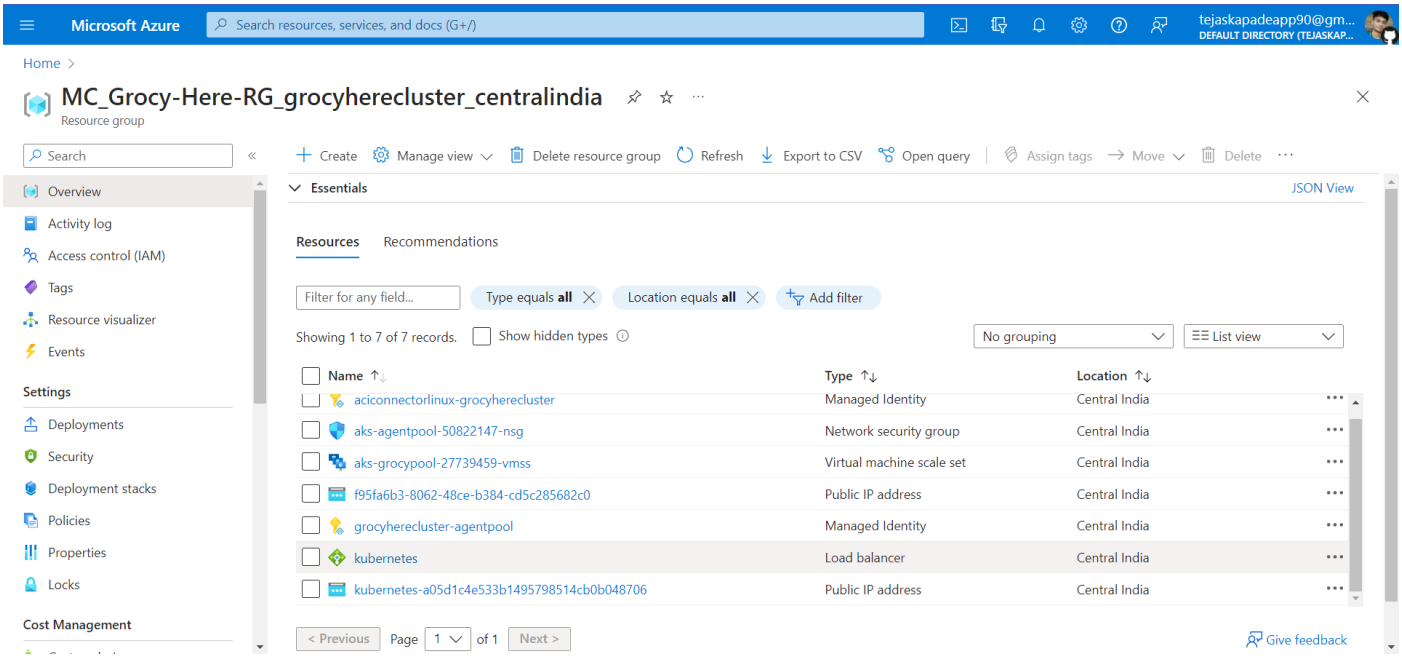

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia > aks-grocypool-27739459-vmss | Instances >
aks-grocypool-27739459-vmss_0
Scale set instance
Search
Connect
Start
Restart
Stop
Reimage
Delete
Refresh
Upgrade
Protection Policy
Overview
Settings
Networking
Connect
Disks
Properties
Monitoring
Insights
Metrics
Support + troubleshooting
Bastion
Serial console
Boot diagnostics
Diagnose and solve problems
Show data for last:
1 hour
6 hours
12 hours
1 day
7 days
30 days
CPU (average)
22%
20%
18%
16%
14%
12%
10%
8%
6%
4%
2%
0%
1:15 PM
1:30 PM
Oct 15 1:34 PM
1:45 PM
2 PM
UTC+05:30
Percentage CPU (Avg)
aks-grocypool-27739459-vmss/0
19.615 %
Give feedback

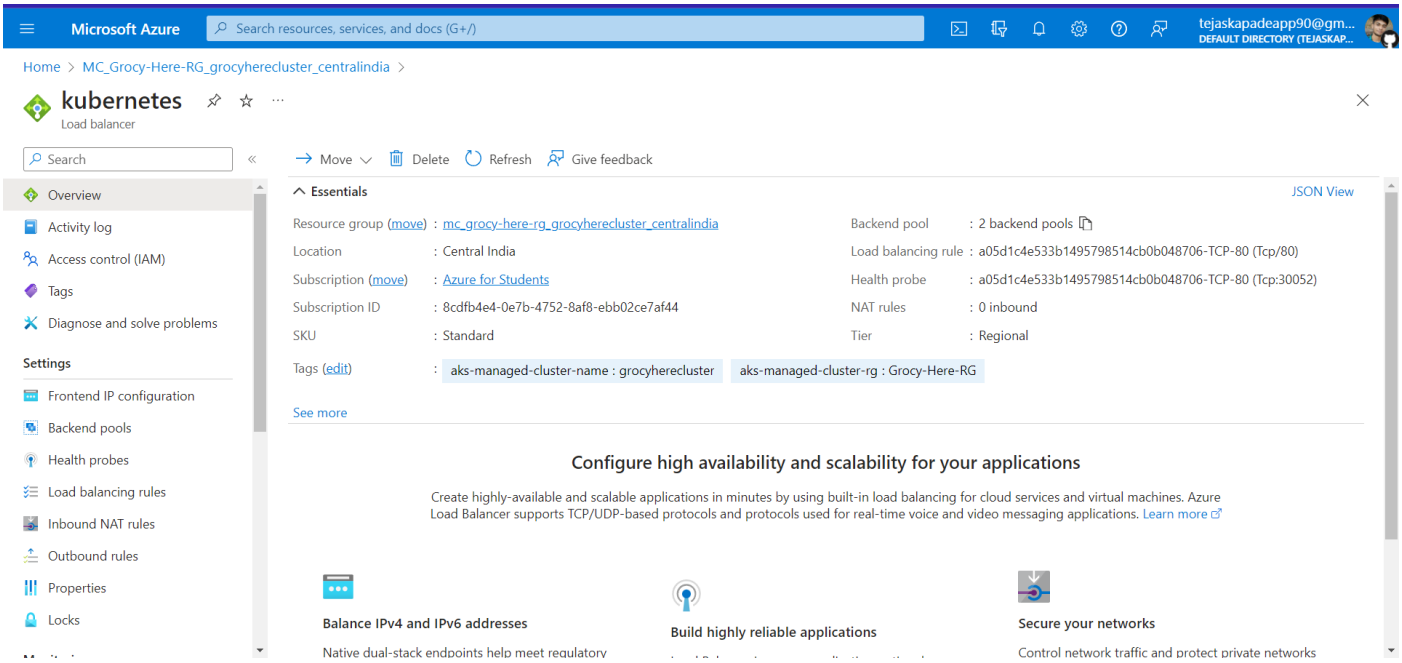

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia > aks-grocypool-27739459-vmss | Instances >
aks-grocypool-27739459-vmss_0
Scale set instance
Search
Connect
Start
Restart
Stop
Reimage
Delete
Refresh
Upgrade
Protection Policy
Overview
Settings
Networking
Connect
Disks
Properties
Monitoring
Insights
Metrics
Support + troubleshooting
Bastion
Serial console
Boot diagnostics
Diagnose and solve problems
Network In Billable ...
aks-grocypool-277394...
385.48 kB
Network Out Billable...
aks-grocypool-277394...
100.47 kB
Disk bytes (total)
1.8GB
1.6GB
1.4GB
1.2GB
1GB
800MB
600MB
400MB
200MB
0B
Oct 15 1:16 PM
1:30 PM
1:45 PM
2 PM
UTC+05:30
Disk Read Bytes (Sum)
aks-grocypool-277394...
13.63 MB
Disk Write Bytes (Sum)
aks-grocypool-277394...
437.86 MB
Give feedback

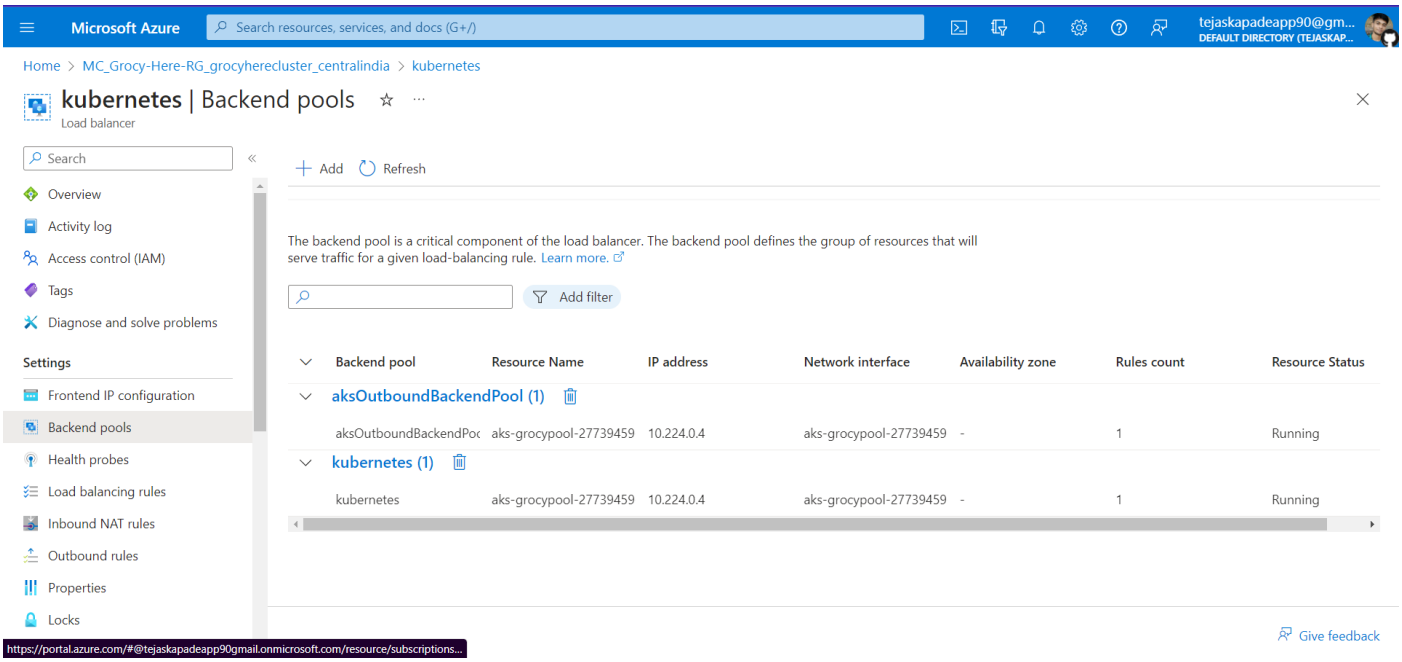

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia > aks-grocypool-27739459-vmss | Instances > aks-grocypool-27739459-vmss_0
aks-grocypool-27739459-vmss_0 | Disks
Scale set instance
Search
Refresh
Settings
Networking
Connect
Disks
Properties
Monitoring
Insights
Metrics
Support + troubleshooting
Bastion
Serial console
Boot diagnostics
Diagnose and solve problems
New support request
OS disk
Disk name
Storage type
Size (GiB)
Max IOPS
Max throughput (...
Encryption
Host caching
aks-grocypool-277394aks...
Premium SSD LRS
128
500
100
SSE with PMK
ReadWrite
Data disks
Filter by name
Showing 0 of 0 attached data disks
Create and attach a new disk
Attach existing disks
LUN
Disk name
Storage type
Size (GiB)
Max IOPS
Max throughput (...
Encryption
No data disks attached
Apply
Discard changes

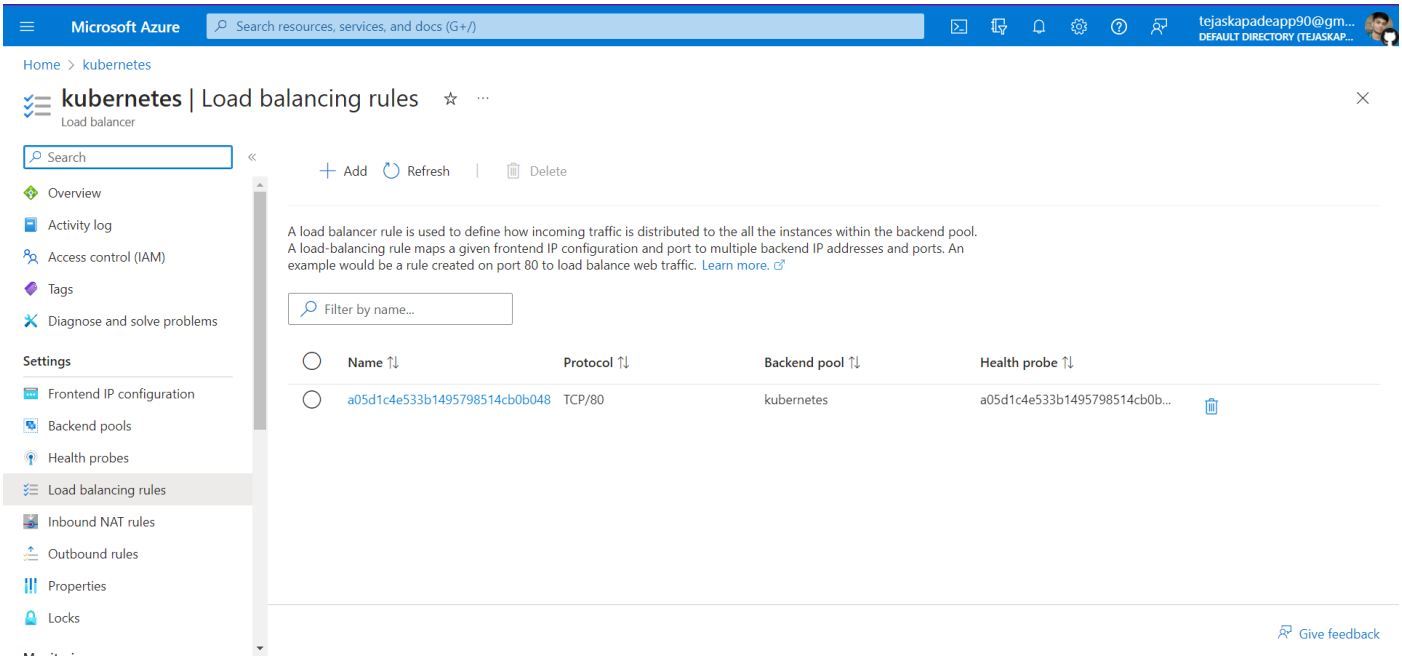

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia
aks-grocypool-27739459-vmss_0 | Metrics
Scale set instance
Search
New chart
Refresh
Share
Chart Title
Add metric
Add filter
Apply
Scope
Select a scope
Settings
Networking
Connect
Disks
Properties
Monitoring
Insights
Metrics
Support + troubleshooting
Bastion
Serial console
Boot diagnostics
Diagnose and solve problems
New support request
100
90
80
70
60
50
40
30
20
10
0
6 PM
Select a scope
Browse
Recent
Subscription
All subscriptions
Resource types
All resource types
Locations
All locations
Search to filter items...
Scope
Resource type
Location
Azure for Students
Subscription
cloud-shell-storage-centralindia
Resource group
Grocy-Here-RG
Resource group
MC_Grocy-Here-RG_grocyherecluster_centralindia
Resource group
Why can't I select multiple resources? You must select items of the same resource type and location. To select resources of a different resource type or location, please first uncheck your current selection.
Selected scopes 1 virtual machine scale set
aks-grocypool-27739459-vmss
Virtual machine scal...
Central India
Apply
Cancel
Clear all selections

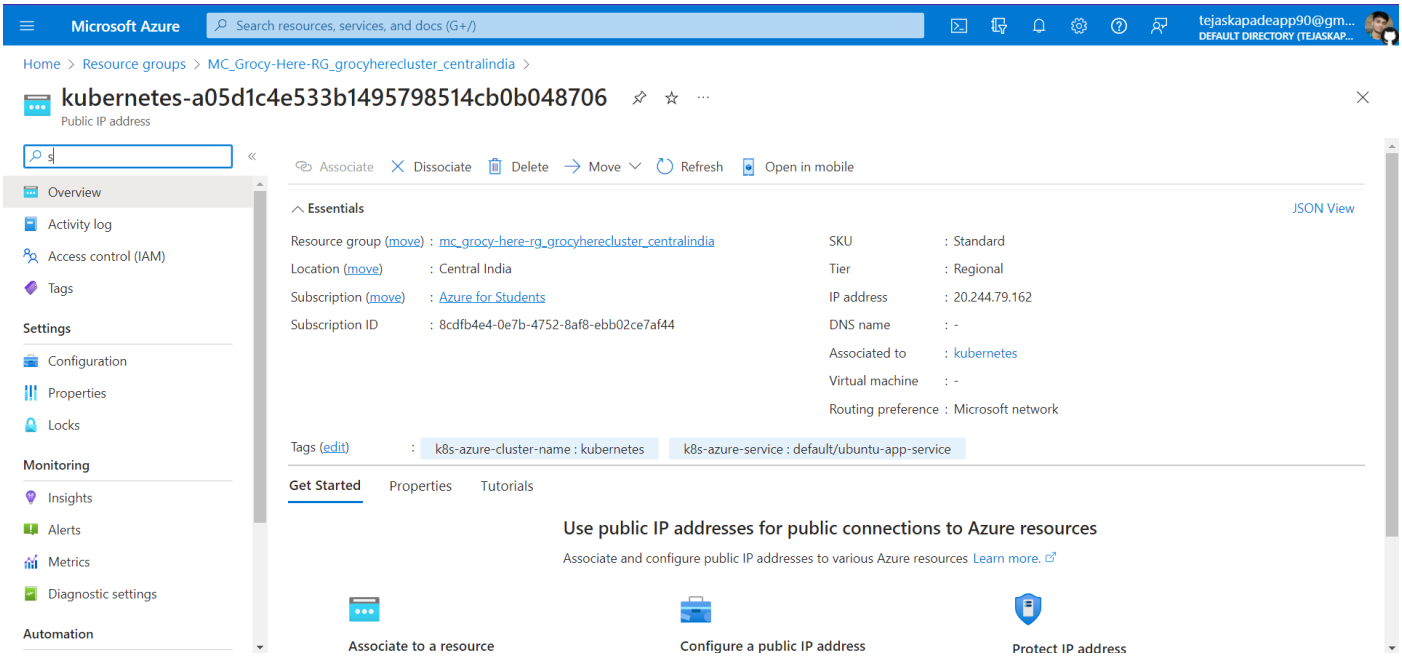

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia > aks-grocypool-27739459-vmss | Instances > aks-grocypool-27739459-vmss_0
aks-grocypool-27739459-vmss_0 | Metrics
Scale set instance
Search
New chart
Refresh
Share
Feedback
Local Time: Last 24 hours (Automatic - 5 minutes)
Settings
Networking
Connect
Disks
Properties
Monitoring
Insights
Metrics
Support + troubleshooting
Bastion
Serial console
Boot diagnostics
Diagnose and solve problems
New support request
Avg Percentage CPU for aks-grocypool-27739459-vmss
Add metric
Add filter
Apply splitting
Line chart
Drill into Logs
New alert rule
Save to dashboard
Scope
aks-grocypool-27739459-...
Metric Namespace
Virtual Machine Host
Metric
Percentage CPU
Aggregation
Avg
15%
10%
5%
0%
6 PM
Oct 15
6 AM
12 PM
Oct 15 1:52 PM
Percentage CPU (Avg)
aks-grocypool-27739459-vmss
8.7935 %

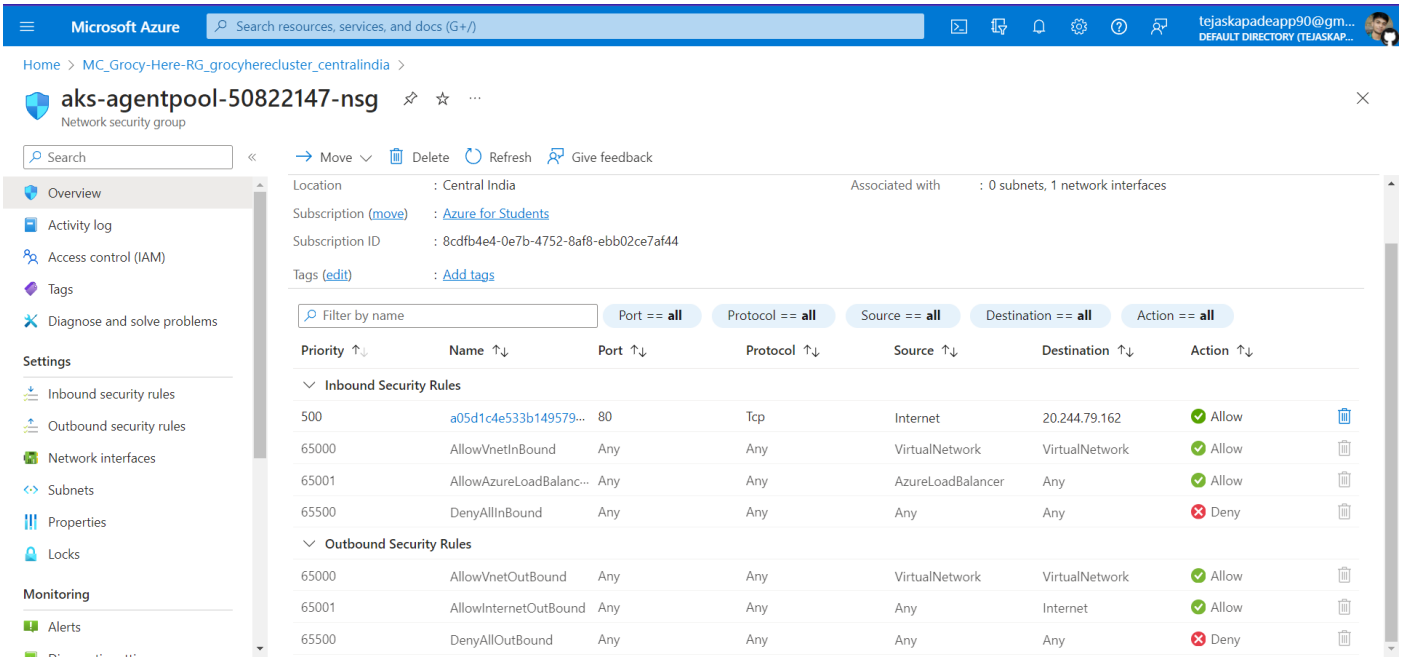

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home
MC_Grocy-Here-RG_grocyherecluster_centralindia
Resource group
Search
Create
Manage view
Delete resource group
Refresh
Export to CSV
Open query
Assign tags
Move
Delete
Overview
Activity log
Access control (IAM)
Tags
Resource visualizer
Events
Settings
Deployments
Security
Deployment stacks
Policies
Properties
Locks
Cost Management
Essentials
JSON View
Resources
Recommendations
Filter for any field...
Type equals all
Location equals all
Add filter
Showing 1 to 7 of 7 records.
Show hidden types
No grouping
List view
Name
Type
Location
aciconnectorlinux-grocyherecluster
Managed Identity
Central India
aks-agentpool-50822147-nsg
Network security group
Central India
aks-grocypool-27739459-vmss
Virtual machine scale set
Central India
f95fa6b3-8062-48ce-b384-cd5c285682c0
Public IP address
Central India
grocyherecluster-agentpool
Managed Identity
Central India
kubernetes
Load balancer
Central India
kubernetes-a05d1c4e533b1495798514cb0b048706
Public IP address
Central India
< Previous
Page 1 of 1
Next >
Give feedback

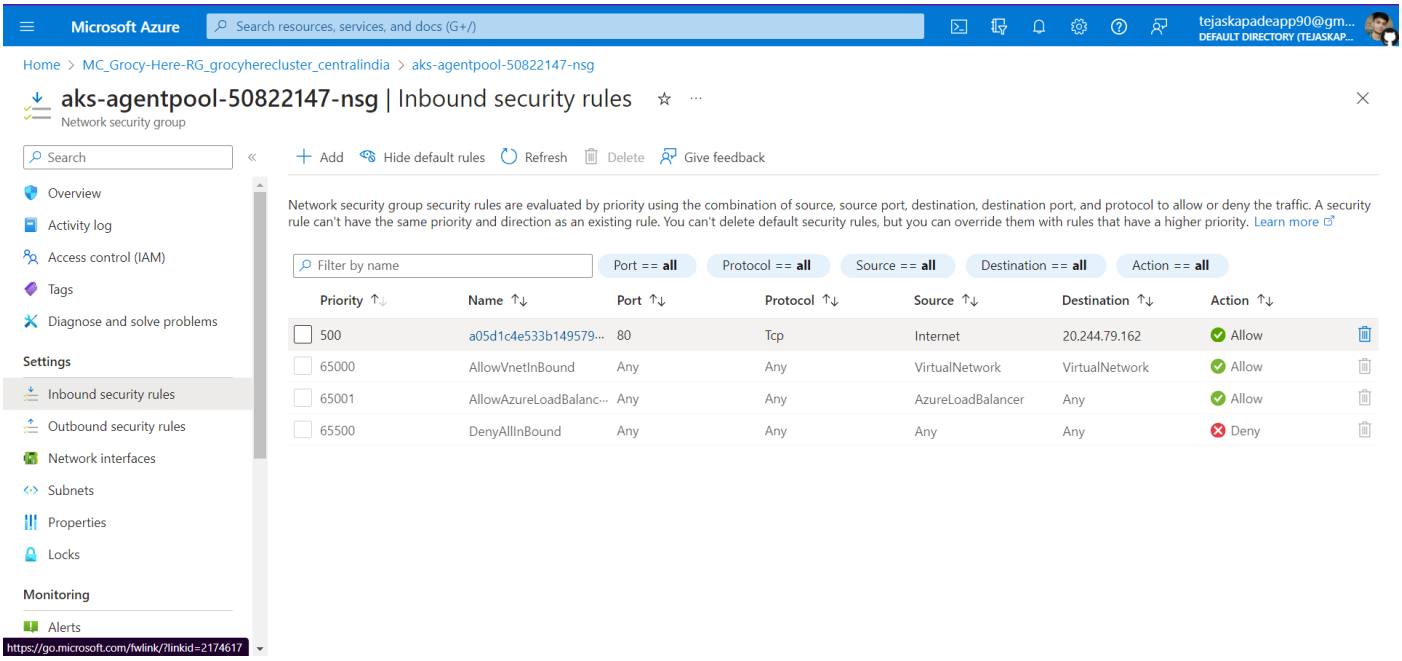

Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > MC_Grocy-Here-RG_grocyherecluster_centralindia >
kubernetes
Load balancer
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
Locks
Move
Delete
Refresh
Give feedback
Essentials
JSON View
Resource group (move) : mc_grocy-here-rg_grocyherecluster_centralindia
Location : Central India
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
SKU : Standard
Backend pool : 2 backend pools
Load balancing rule : a05d1c4e533b1495798514cb0b048706-TCP-80 (Tcp/80)
Health probe : a05d1c4e533b1495798514cb0b048706-TCP-80 (Tcp:30052)
NAT rules : 0 inbound
Tier : Regional
Tags (edit) : aks-managed-cluster-name : grocyherecluster
aks-managed-cluster-rg : Grocy-Here-RG
See more
Configure high availability and scalability for your applications
Create highly-available and scalable applications in minutes by using built-in load balancing for cloud services and virtual machines. Azure Load Balancer supports TCP/UDP-based protocols and protocols used for real-time voice and video messaging applications. Learn more
Balance IPv4 and IPv6 addresses
Native dual-stack endpoints help meet regulatory
Build highly reliable applications
Secure your networks
Control network traffic and protect private networks


Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > MC_Grocy-Here-RG_grocyherecluster_centralindia > kubernetes
kubernetes | Backend pools
Load balancer
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
Locks
Add
Refresh
The backend pool is a critical component of the load balancer. The backend pool defines the group of resources that will serve traffic for a given load-balancing rule. Learn more.
Add filter
Backend pool
Resource Name
IP address
Network interface
Availability zone
Rules count
Resource Status
aksOutboundBackendPool (1)
aksOutboundBackendPoc
aks-grocypool-27739459
10.224.0.4
aks-grocypool-27739459
-
1
Running
kubernetes (1)
kubernetes
aks-grocypool-27739459
10.224.0.4
aks-grocypool-27739459
-
1
Running
Give feedback
https://portal.azure.com/#@tejaskapadeapp90gmail.onmicrosoft.com/resource/subscriptions...


Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > kubernetes
kubernetes | Load balancing rules
Load balancer
Search
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Frontend IP configuration
Backend pools
Health probes
Load balancing rules
Inbound NAT rules
Outbound rules
Properties
Locks
Add
Refresh
Delete
A load balancer rule is used to define how incoming traffic is distributed to the all the instances within the backend pool.
A load-balancing rule maps a given frontend IP configuration and port to multiple backend IP addresses and ports. An
example would be a rule created on port 80 to load balance web traffic. Learn more.
Filter by name...
Name
Protocol
Backend pool
Health probe
a05d1c4e533b1495798514cb0b048
TCP/80
kubernetes
a05d1c4e533b1495798514cb0b...
Give feedback


Microsoft Azure
Search resources, services, and docs (G+/)
tejaskapadeapp90@gm...
DEFAULT DIRECTORY (TEJASKAP...
Home > Resource groups > MC_Grocy-Here-RG_grocyherecluster_centralindia
kubernetes-a05d1c4e533b1495798514cb0b048706
Public IP address
Overview
Activity log
Access control (IAM)
Tags
Settings
Configuration
Properties
Locks
Monitoring
Insights
Alerts
Metrics
Diagnostic settings
Automation
Associate
Dissociate
Delete
Move
Refresh
Open in mobile
Essentials
JSON View
Resource group (move) : mc_grocy-here-rg_grocyherecluster_centralindia
Location (move) : Central India
Subscription (move) : Azure for Students
Subscription ID : 8cdfb4e4-0e7b-4752-8af8-ebb02ce7af44
SKU : Standard
Tier : Regional
IP address : 20.244.79.162
DNS name : -
Associated to : kubernetes
Virtual machine : -
Routing preference : Microsoft network
Tags (edit) : k8s-azure-cluster-name : kubernetes
k8s-azure-service : default/ubuntu-app-service
Get Started
Properties
Tutorials
Use public IP addresses for public connections to Azure resources
Associate and configure public IP addresses to various Azure resources Learn more.
Associate to a resource
Configure a public IP address
Protect IP address





Note: *Every content of this project including web-application is genuine and created by us and we have not followed any You-tube video or any resources for making this project.*

Thankyou...