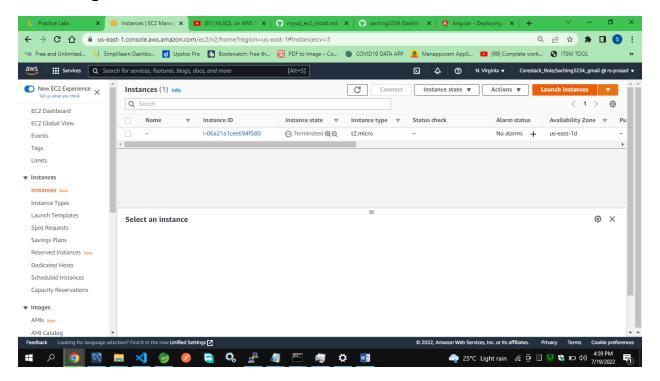
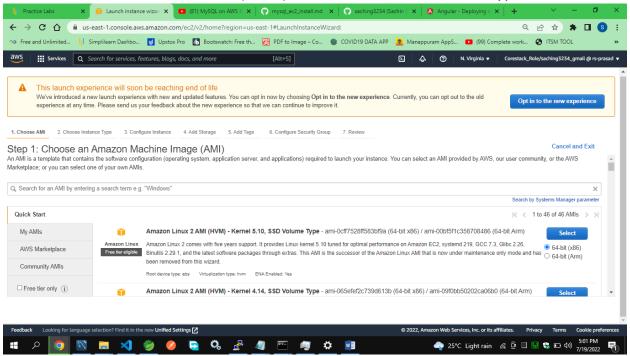
Full Name	Sachin Rangnath Gawade
Batch	Dec 2020
Project Title	CI/CD Deployment for Springboot Application.
Project	19-July – 2022
Submission	
Date	
Git Hub	https://github.com/saching3234/Aws-Final-Build-And-Documentation
Project Link	

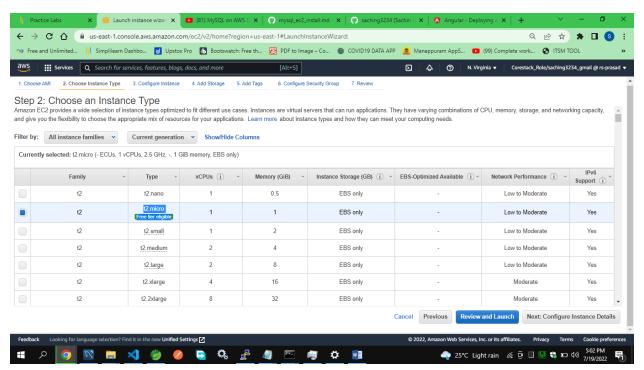
## 1. Creating the new Ec2 linux instance:-



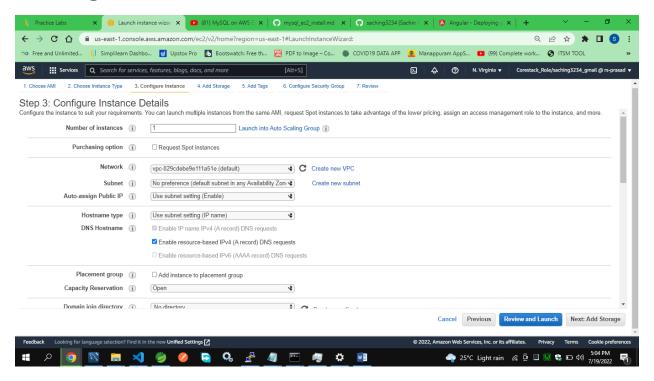
2.selected Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type :-



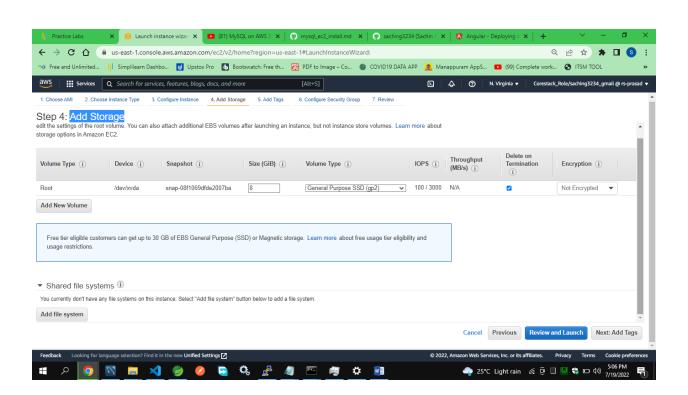
## 3. selected t2. micro Free tier eligible



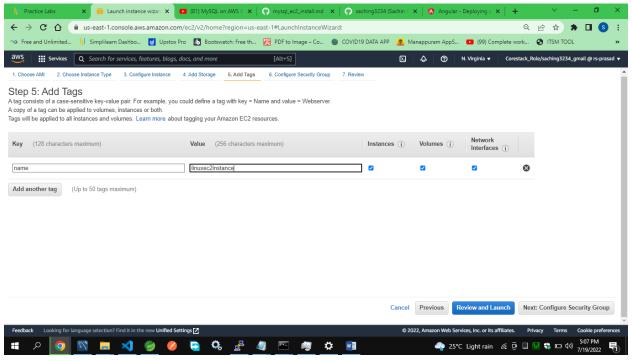
# 4. Configure Instance Details:-



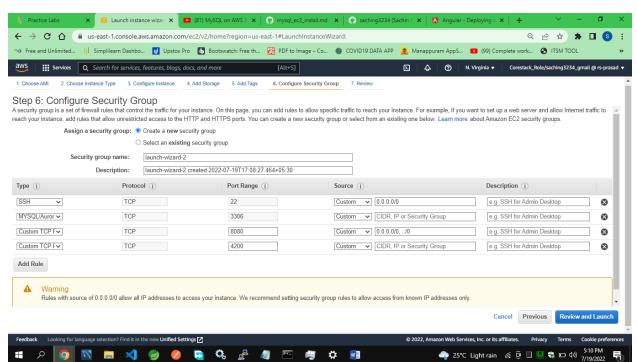
## 5. Adding Storage:-



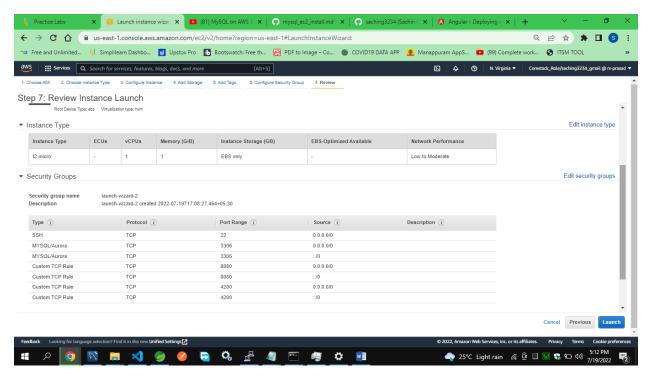
#### 6. Adding Tags-



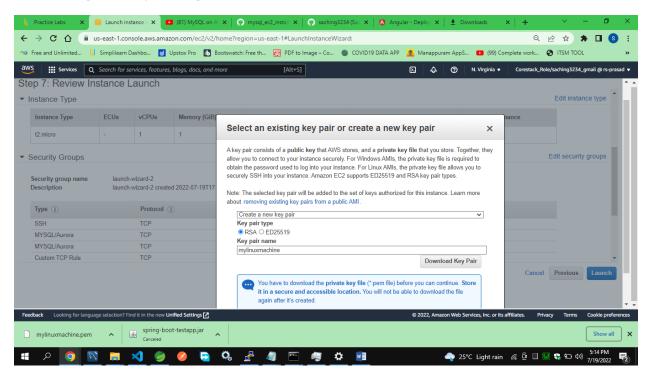
## 7. Setting the firewall rules



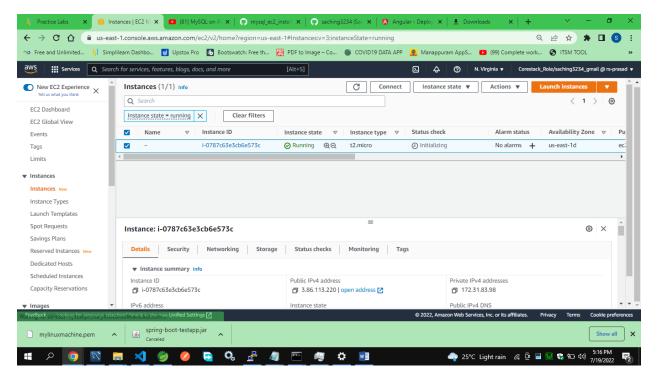
## 8. Launching the instance



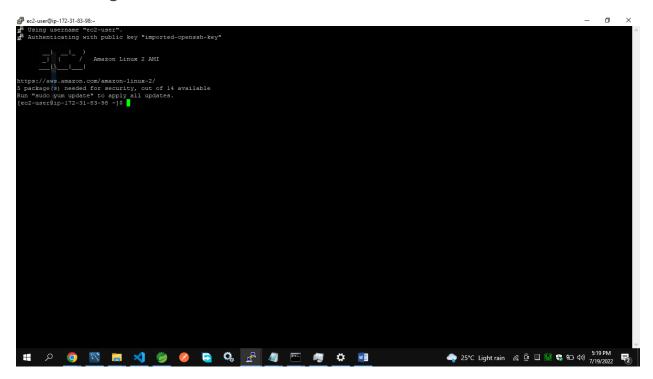
## 9. Creating the key for login the instance-



## 10. Running Instance:-



## 11. Conneting to the instance



## 12. Insatlling the Mysql Server-

#mysql installation commands-

#going to root user

sudo su

sudo yum install -y https://dev.mysql.com/get/mysql80-community-release-el7-3.noarch.rpm

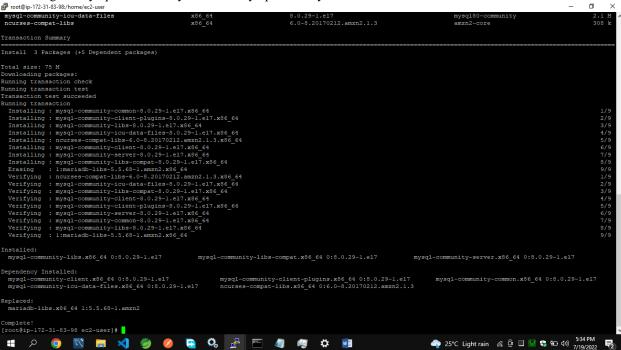
sudo amazon-linux-extras install epel-y

sudo yum install -y mysql-community-server

#imported GPG-KEY:

sudo rpm --import https://repo.mysql.com/RPM-GPG-KEY-mysql-2022

#Installing the mysql serversudo yuminstall mysql-server -y



## 13. Creating the new user in mysql.

#Starting the mysql server

sudo systemctl start mysqld

sudo systemetlenable mysqld

#Get the password for the root user:

sudo grep 'temporary password'/var/log/mysqld.log

#Login to MySQL:

mysql -u root -p

#You have to change the root user's password before you can do anything

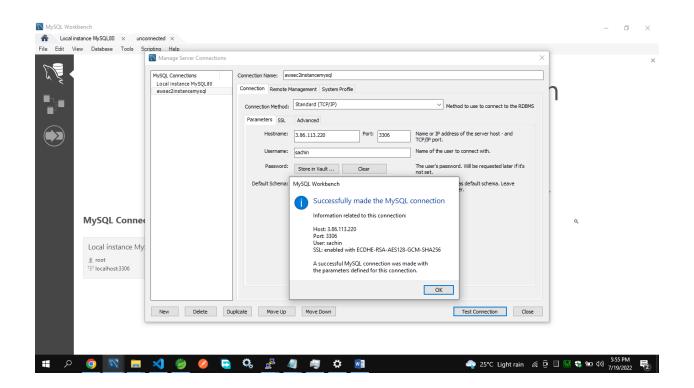
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'Sachin@20';

CREATE USER 'sachin'@'%' IDENTIFIED WITH mysql\_native\_password BY 'Sachin@20';

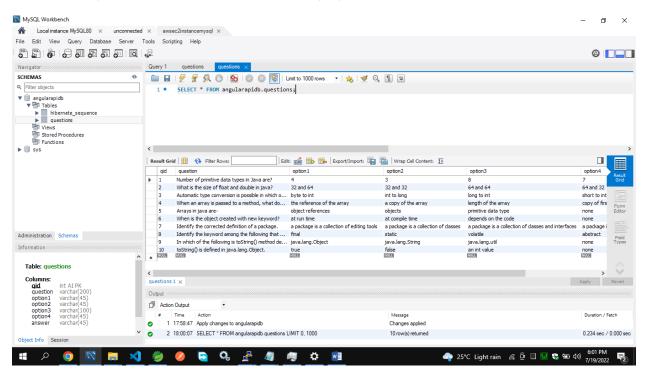
GRANT ALL PRIVILEGES ON \*.\* TO 'sachin'@'%';

```
Coccedep-172-10-20-20 ex2-userj# syzql -u root -p
Enter password:
Enter password:
Enter password:
Enter password:
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-10-20-30 ex2-userj# usud grap 'remporary password' var/log/mysqd.log
[roox86p-172-31-20-30 ex2-userj# usud grap 'remporary password 'var/log/mysqd.log
[roox86p-172-31-20-30 ex2-userj# usud -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
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ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (230009): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 1055 (23000): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 2055 (23000): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 2055 (23000): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-userj# mysql -u root -p
ENGROR 2055 (23000): Access denied for user 'root'0'localhost' (using password: YES)
[roox86p-172-31-20-30 ex2-user]# mysql -u root -p
ENGRO
```

14. Connecting to the mysql server and creating the database



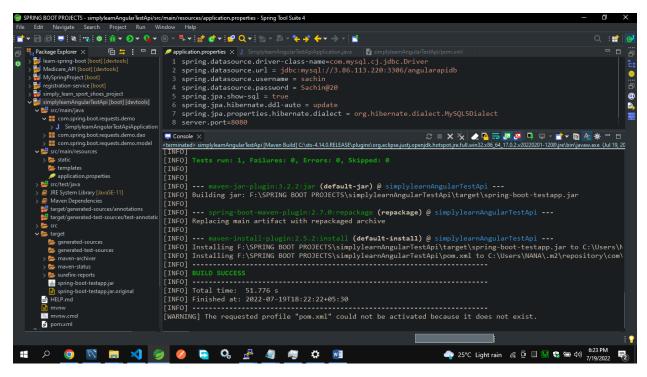
## 15. Data Imported from local db to ec2 mysql server db



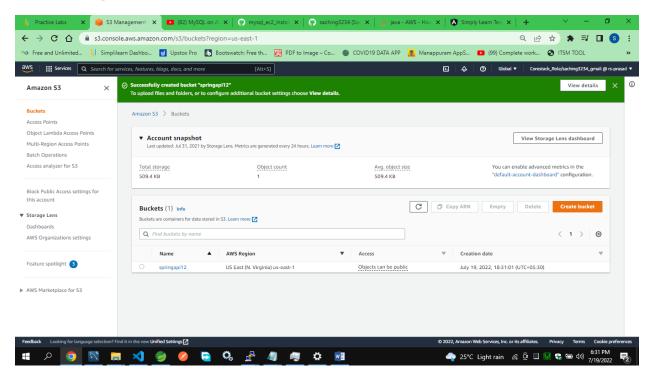
#### 16. Installing the java on ec2

sudo amazon-linux-extras install java-openjdk11

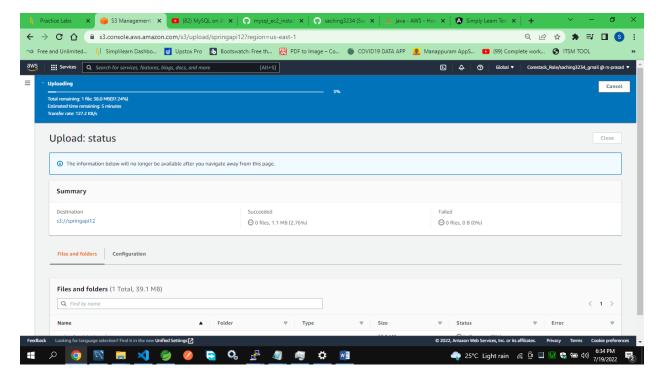
## 17. Created the final build of java spring boot project



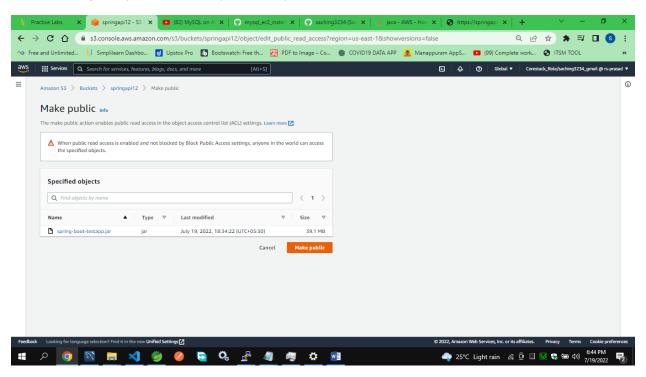
## 18. Creating the S3 bucket-



## 19. Uploading the final jar into the S3 bucket



## 20. Making the jar available publically



## 21. Downloading the jar file in the ec2 instance

wget https://springapi12.s3.amazonaws.com/spring-boot-testapp.jar

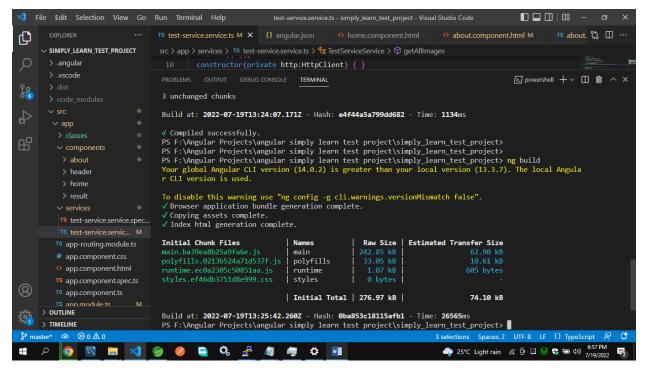
## 22. Running the spring boot app-

java -jar spring-boot-testapp.jar spring-boot-testapp.jar

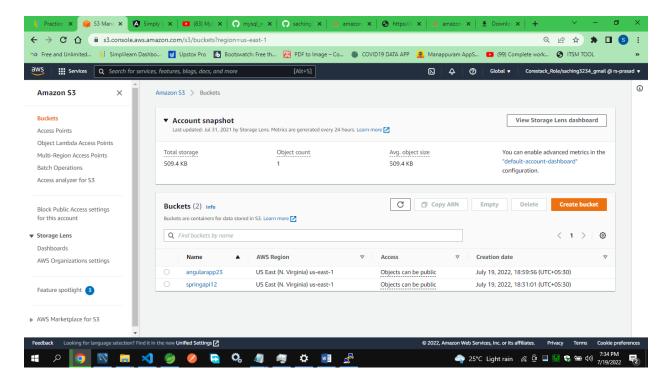
```
### Company of the Control of the Co
```

## 23. Building the angular app for final deployment.

Ng build



#### Two s3 buckets-



## 24. Hosting the angular app on s3 bucket

Host a static website

Redirect requests for an object

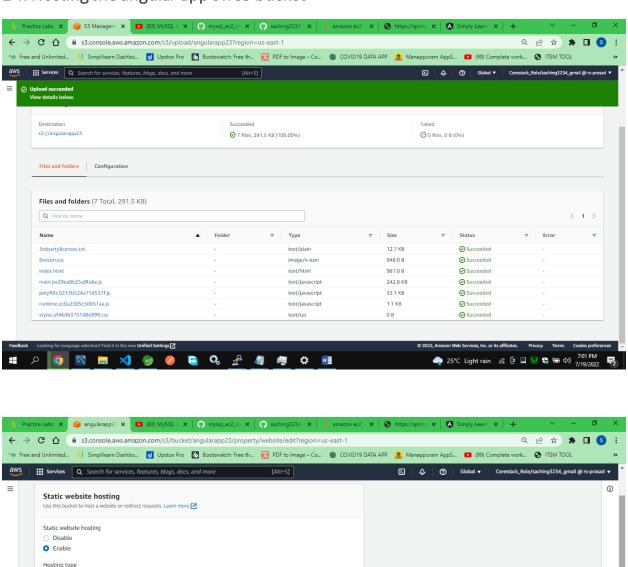
Using Amazon S3 Block Public Access 7

Index document
Specify the home or default page of the website.

Error document - optional
This is returned when an error

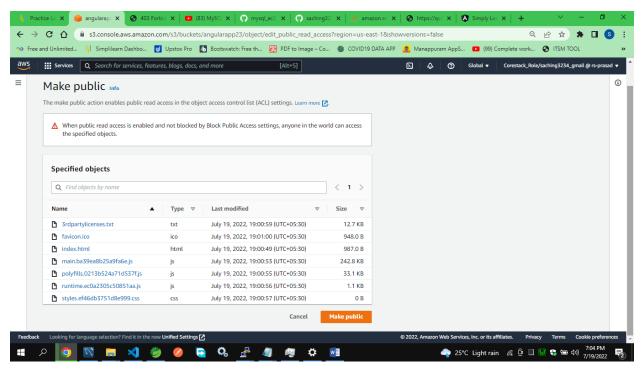
O For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see

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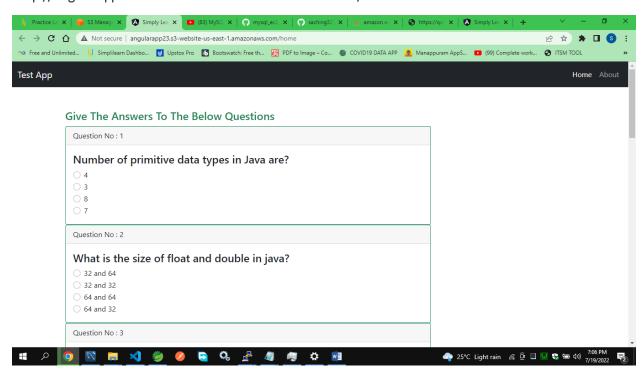
🌎 25°C Light rain 🏿 🖟 🖫 📗 📞 ≔ Φ)) 7/19/2022

## Giving the permission to access the files publically

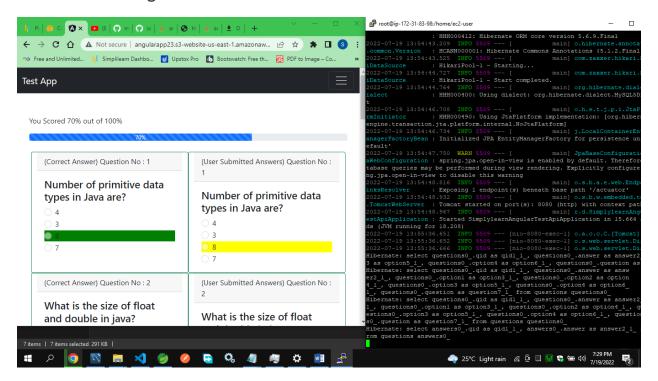


#### Website accessible now

http://angularapp23.s3-website-us-east-1.amazonaws.com/home



## Real Time working of backend and front end-



# ThankYou