



Sri Lanka Institute of Information Technology

Year 4, Semester 2 – 2016  
ESBP II  
Lab Assignment II  
Installing MySQL in Cloud Amazon

Name: Marasinghe M.M.K.B  
Reg No: IT13127374  
Batch: Weekday

## 1. Select 'RDS' then click 'Instances' in AWS Console.

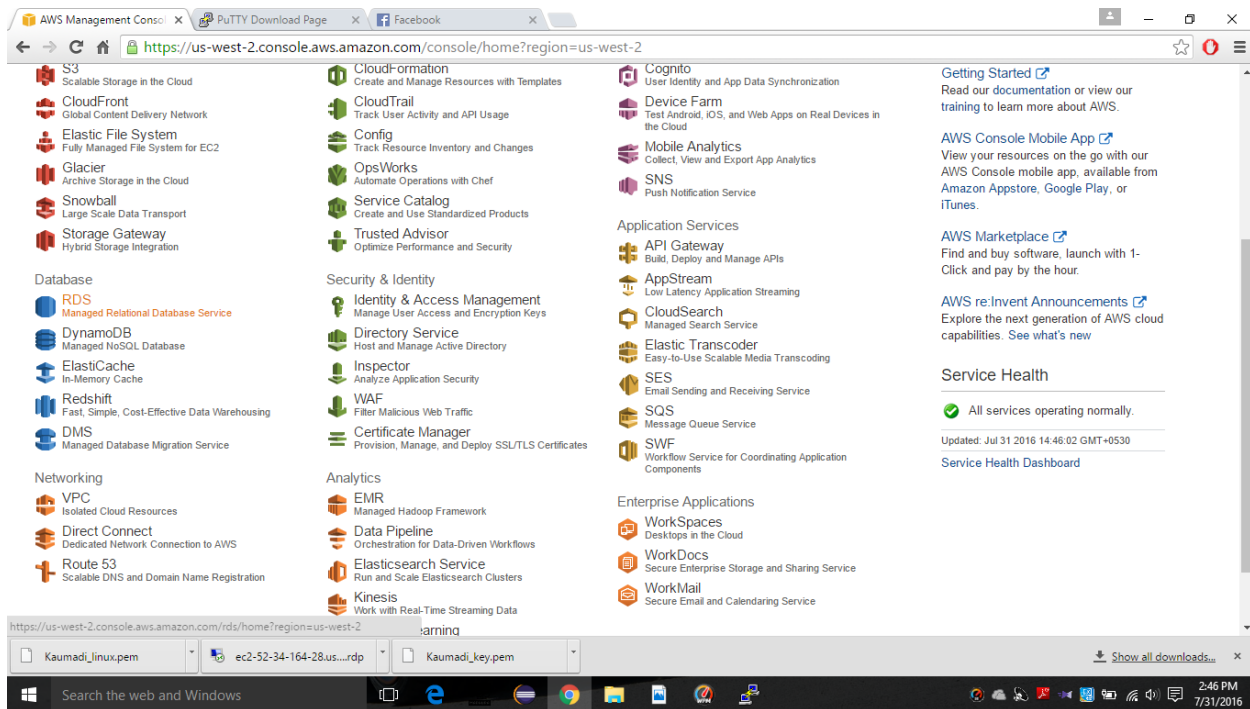


Figure 1

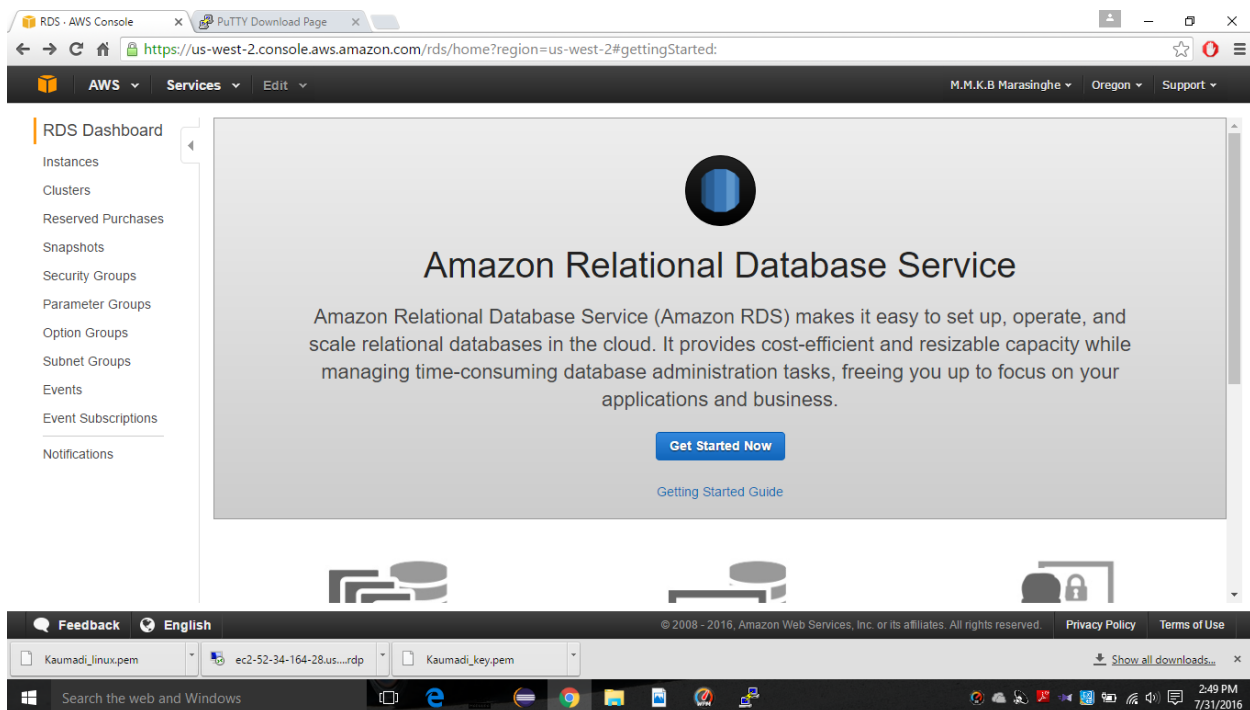


Figure 2

## 2. Click 'Launch DB Instance' & Select 'MySQL' and click

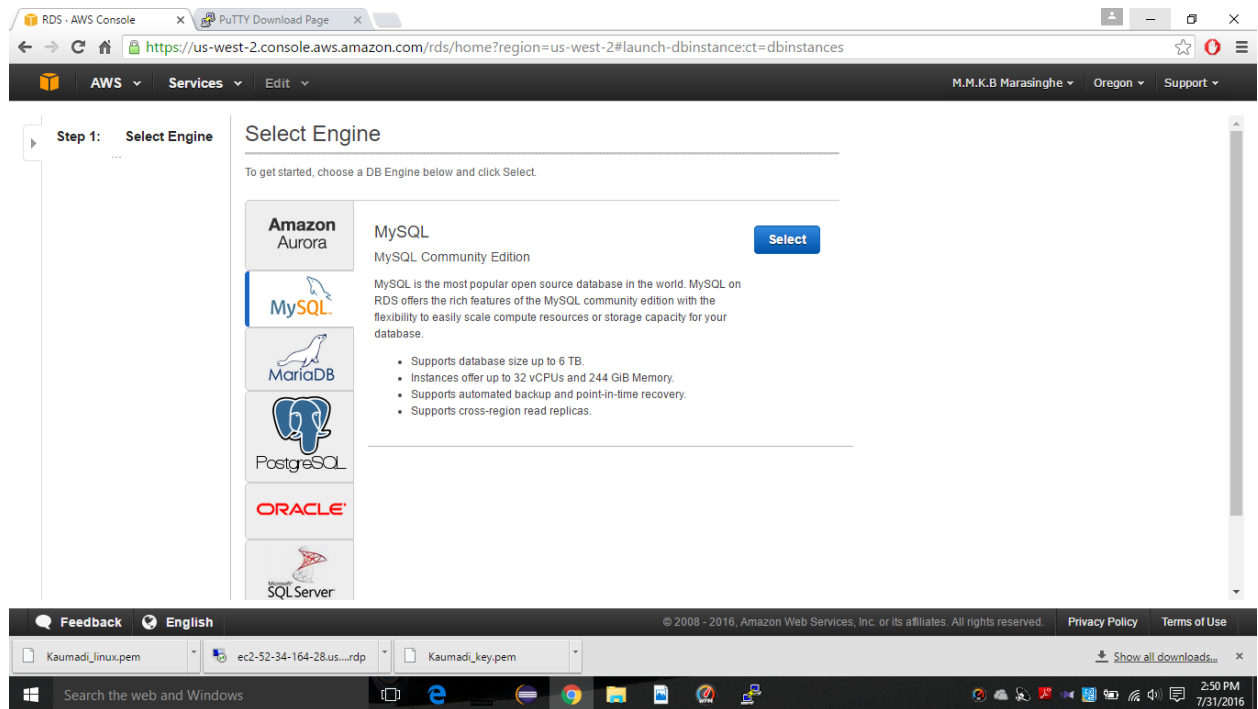


Figure 3

## 3. Select 'MySQL' in Production.

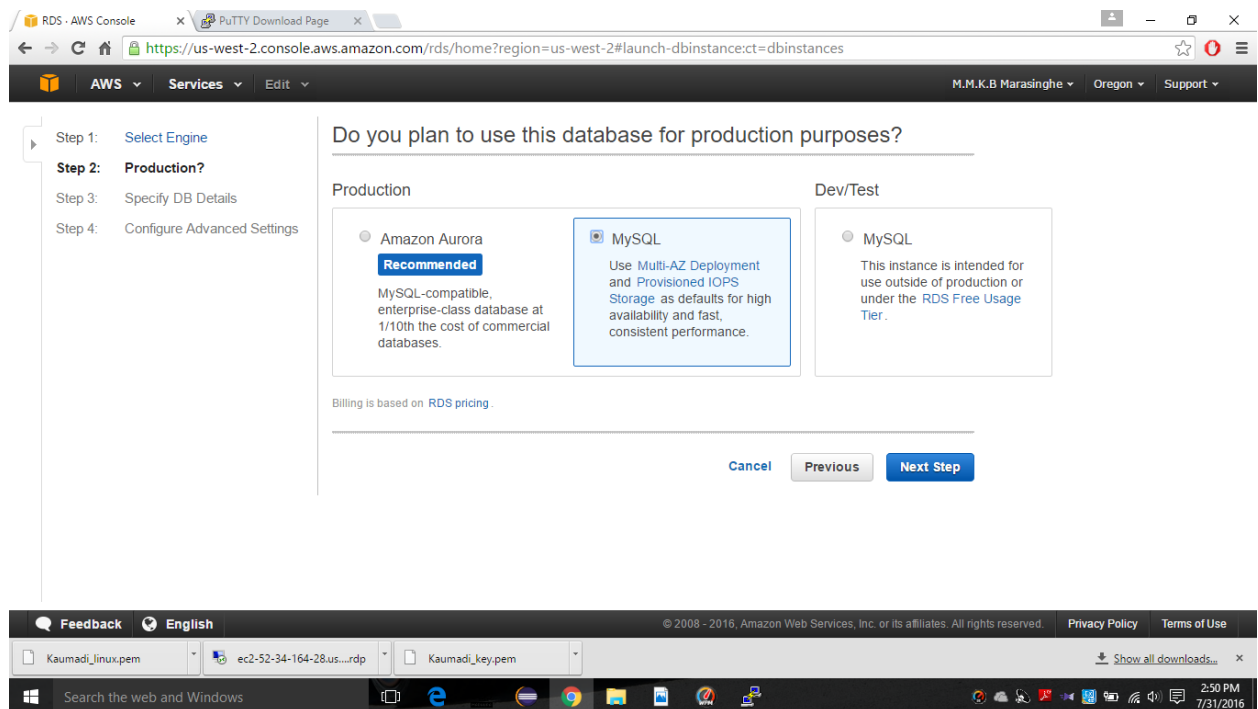


Figure 4

4. Select db.12.micro—1 vCPU, 1 GiB RAM, select No for Multi-AZ Deployment ,Storage Type : General Purpose (SSD), Allocated Storage : 15 GB , Give a DB Instance Identifier any name and for Master Username any username.

You will be charged normal RDS Prices. [Learn More](#).

Estimate your monthly costs for the DB Instance using the RDS Instance Cost Calculator.

Multi-AZ Deployment: No

Storage Type: General Purpose (SSD)

Allocated Storage\*: 5 GB

Provisioning less than 100 GB of General Purpose (SSD) storage for high throughput workloads could result in higher latencies upon exhaustion of the initial General Purpose (SSD) IO credit balance. [Click here](#) for more details.

Settings

DB Instance Identifier\*: kaumadiMySQL

Master Username\*: kaumadi

Master Password\*: .....

Confirm Password\*: .....

Retype the value you specified for Master Password.

\* Required

Cancel Previous Next Step

Figure 5

5. Select 'No' in Enable Enhanced Monitoring

Option Group: default.mysql-5-6

Copy Tags To Snapshots: ☐

Enable Encryption: No

Backup

Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to detail [here](#).

Backup Retention Period: 7 days

Backup Window: No Preference

Monitoring

Enable Enhanced Monitoring: No

Maintenance

Auto Minor Version Upgrade: Yes

Maintenance Window: No Preference

The daily time range (in UTC) during which automated backups are created if automated backups are enabled.

\* Required

Cancel Previous Launch DB Instance

Figure 6

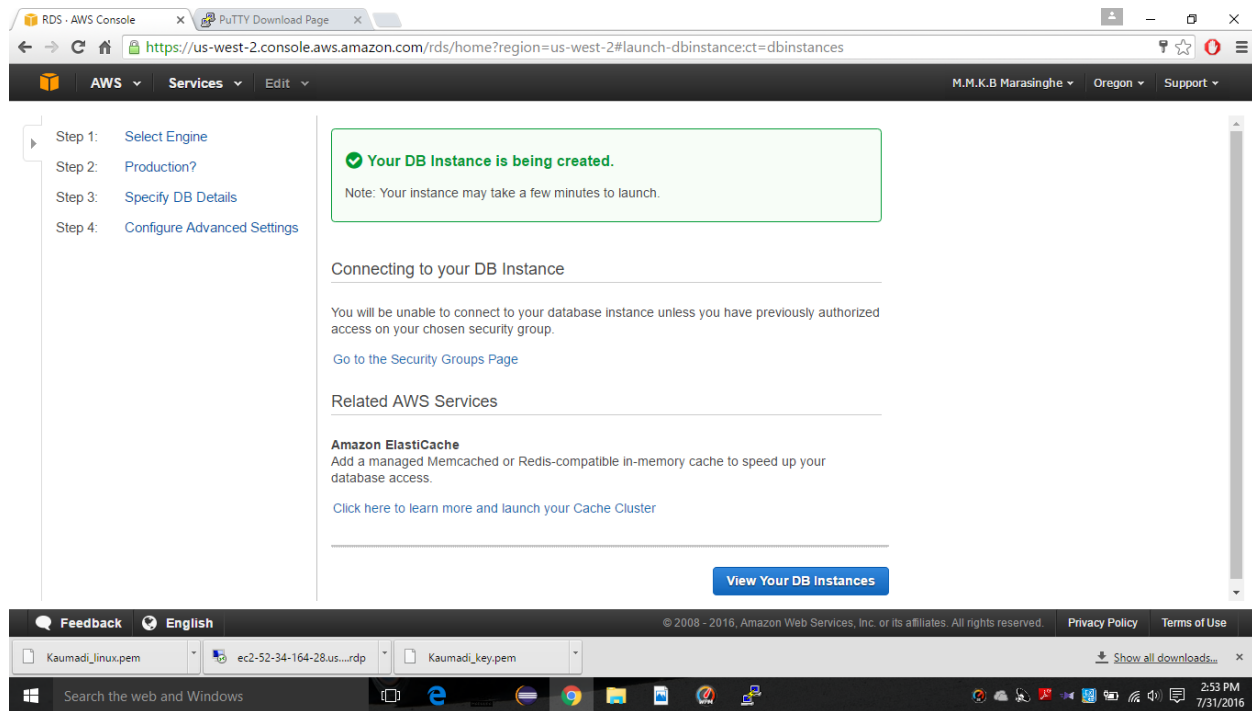


Figure 7

6. Wait until the status become 'available' in 'creating' process.

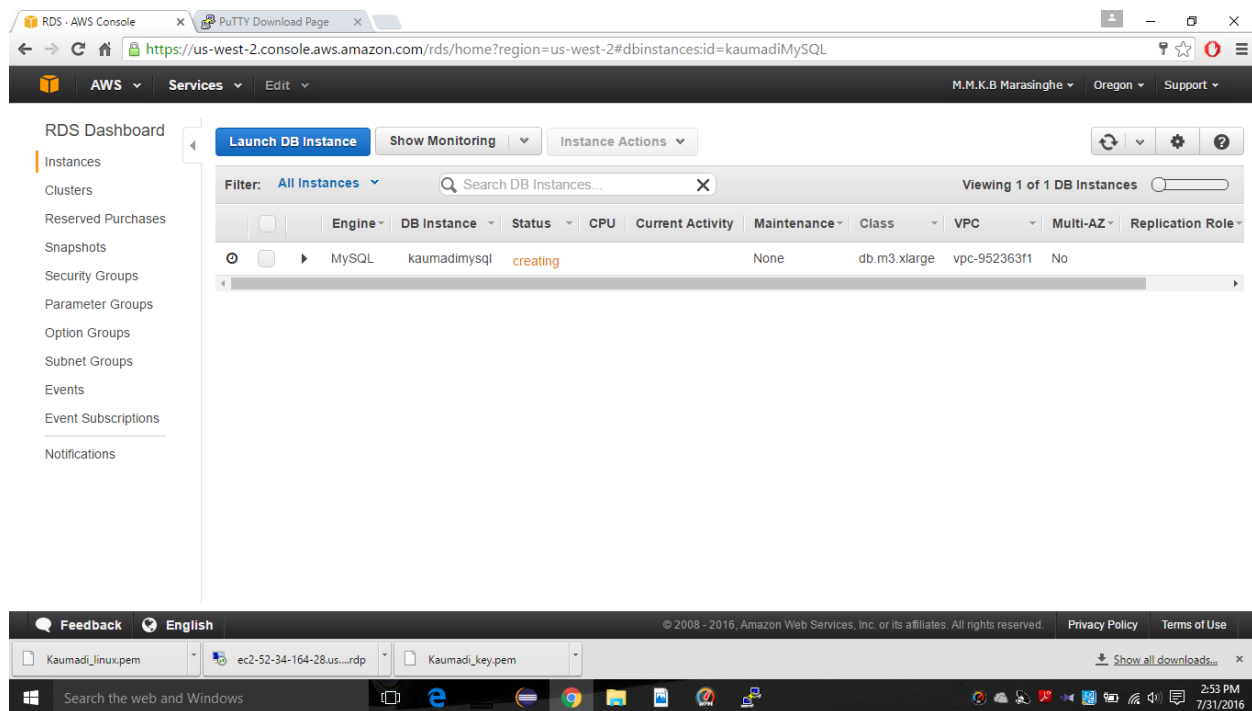


Figure 8

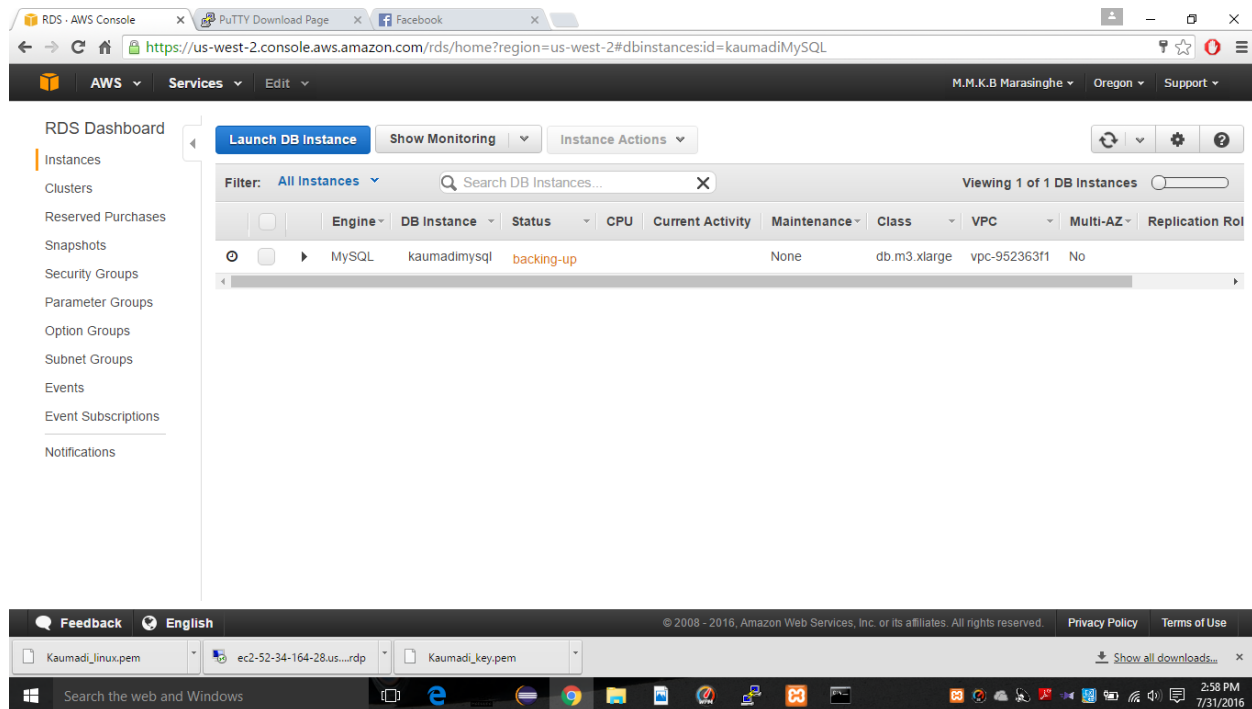


Figure 9

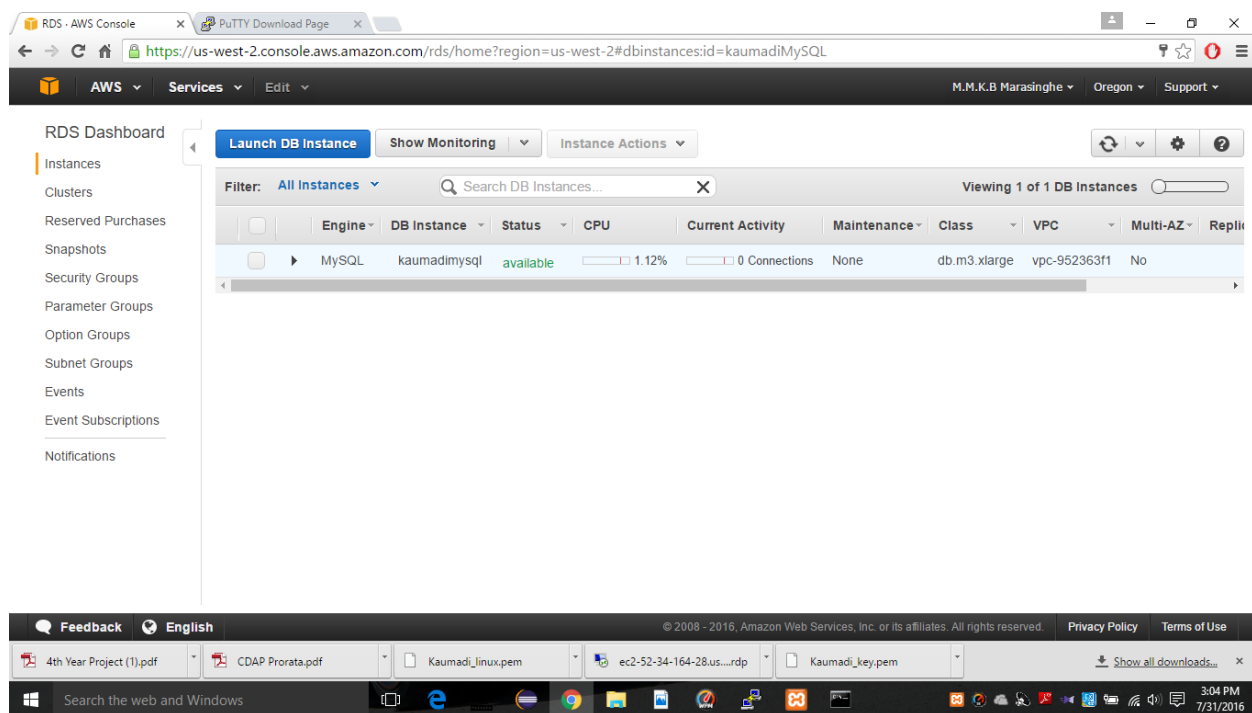


Figure 10

Open xampp enable MySQL then select 'shell' and type `mysql -h end instance -P`

3306 -u (username) & -p provide password ,then click 'enter'. Finally see the MySQL instance has created.

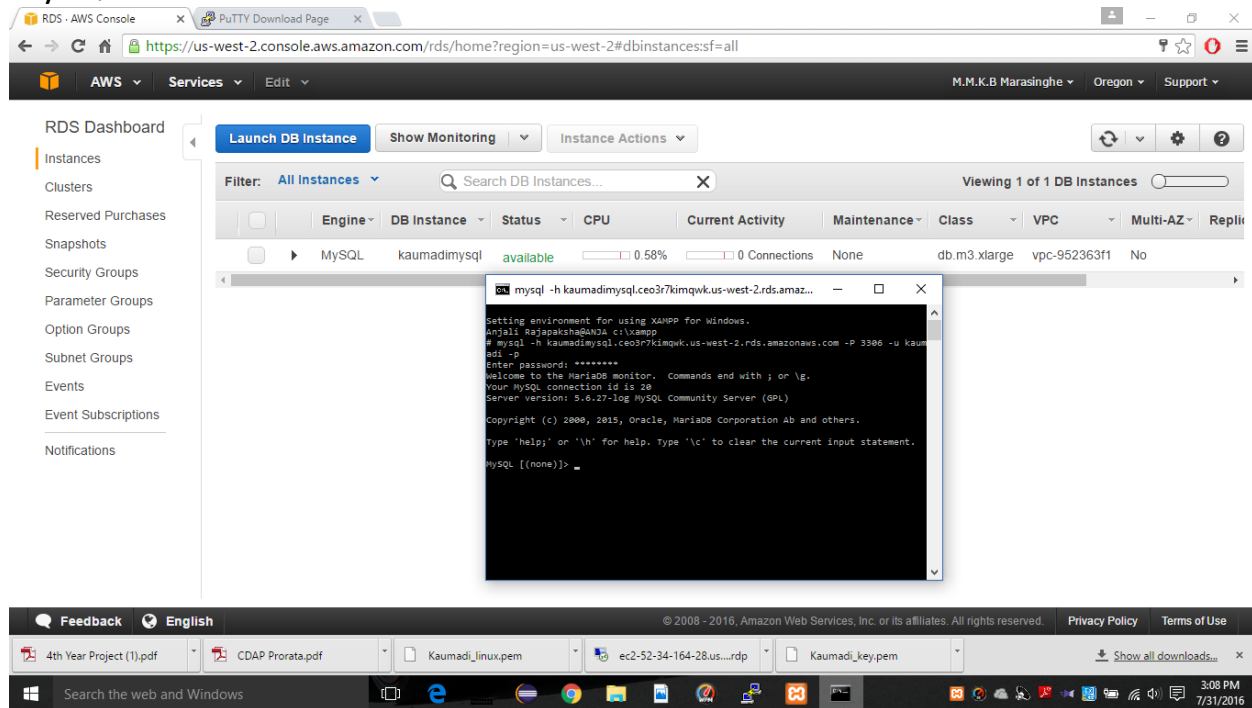


Figure 11