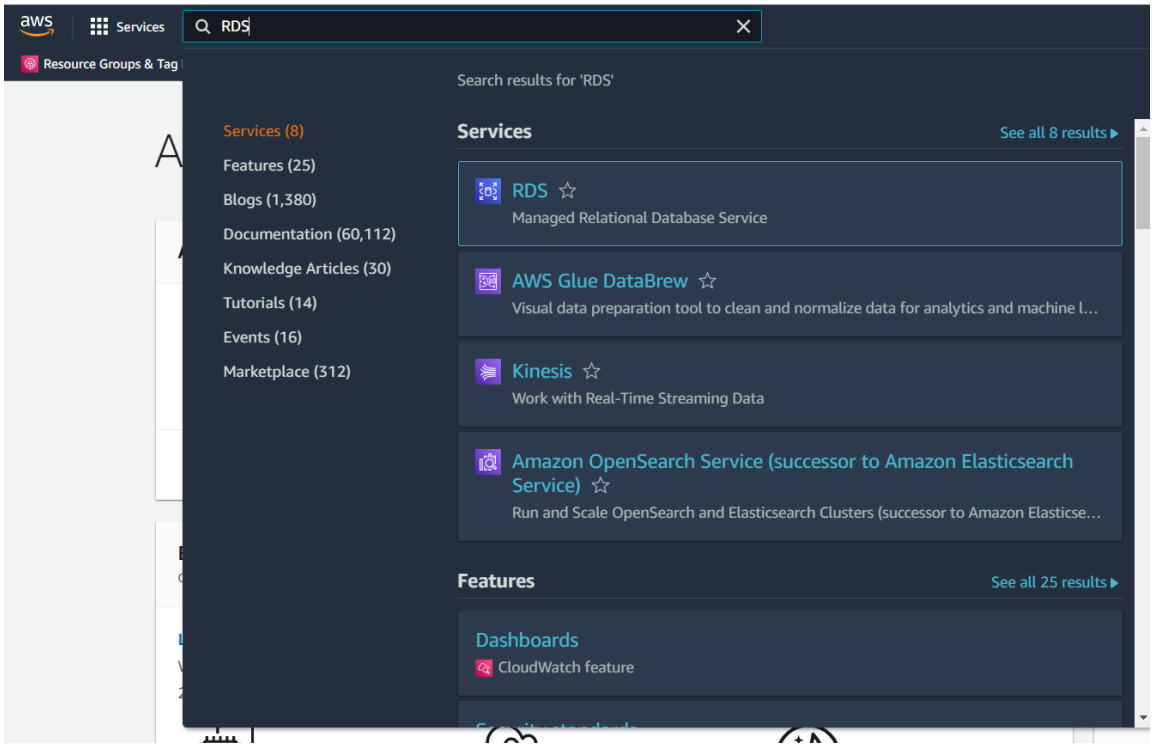
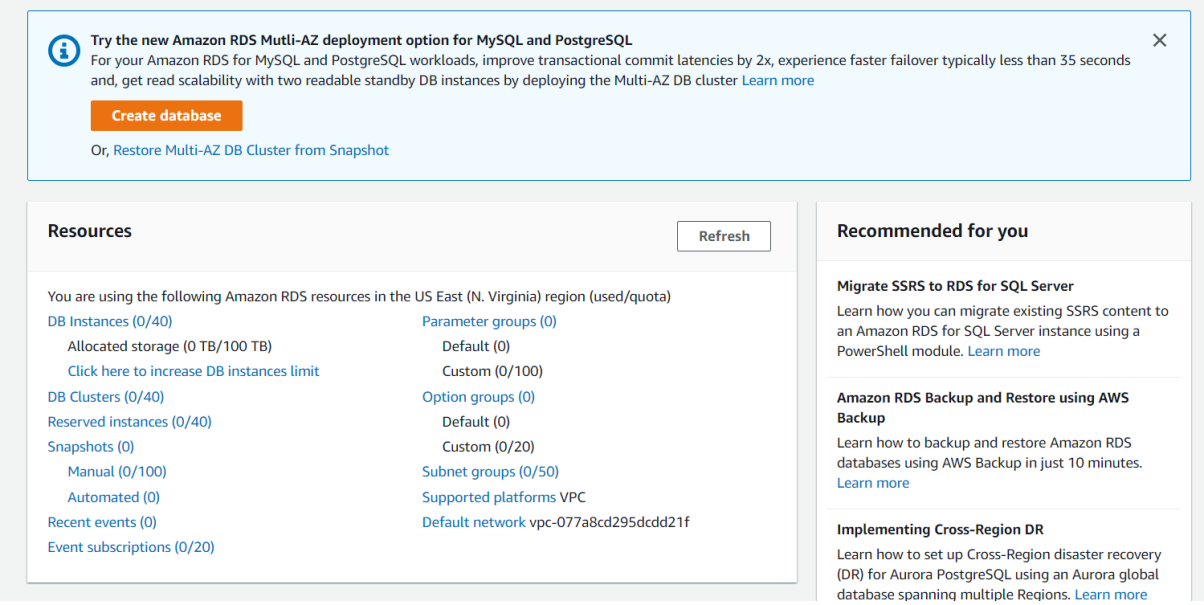
Expt 8 : DBaas

Step1 : Login to aws console and search RDS

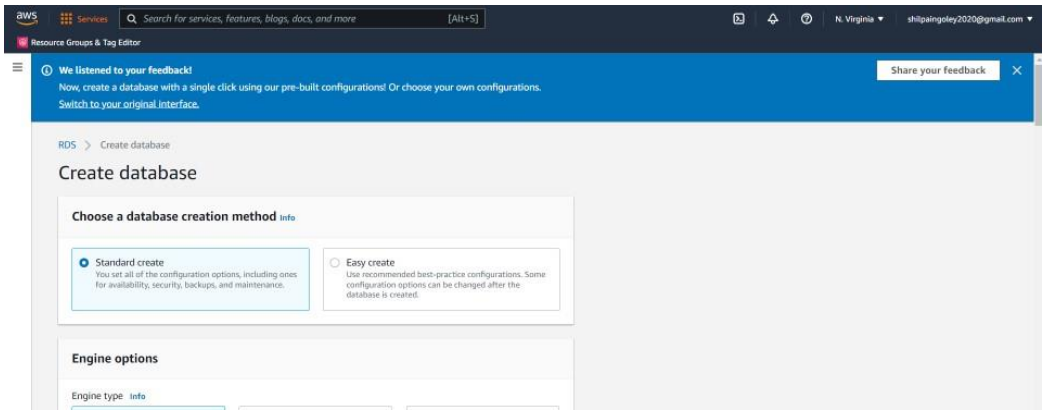


Step2: Click on to RDS and create database

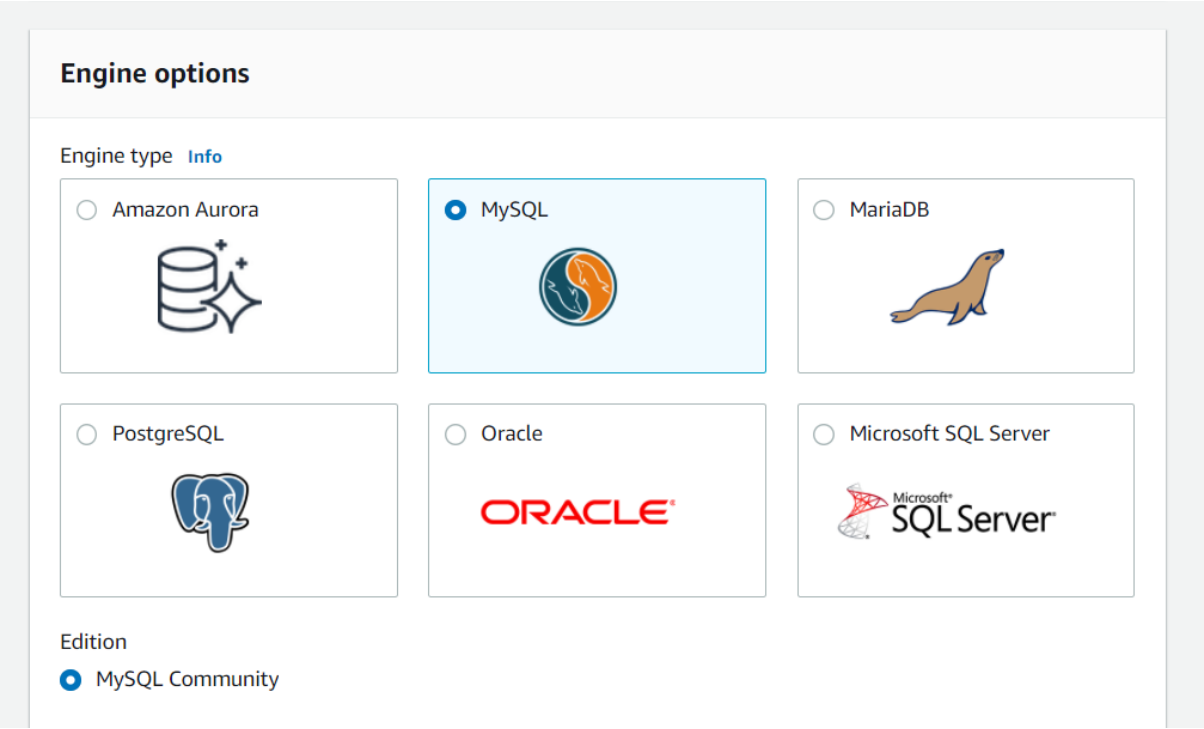


Step 3: Select standard database

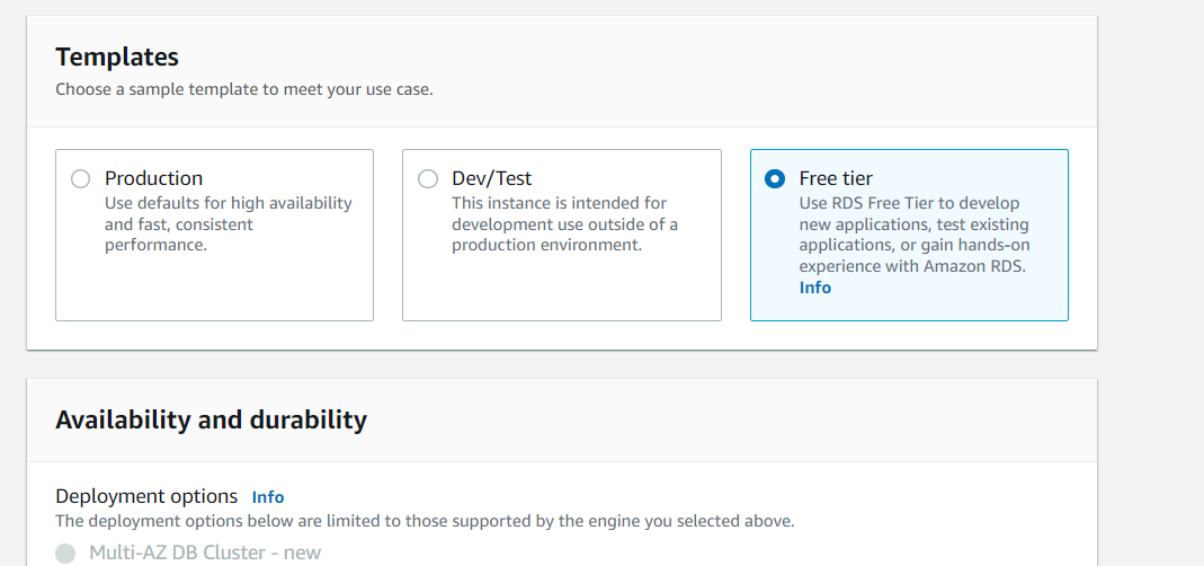
Select standard db



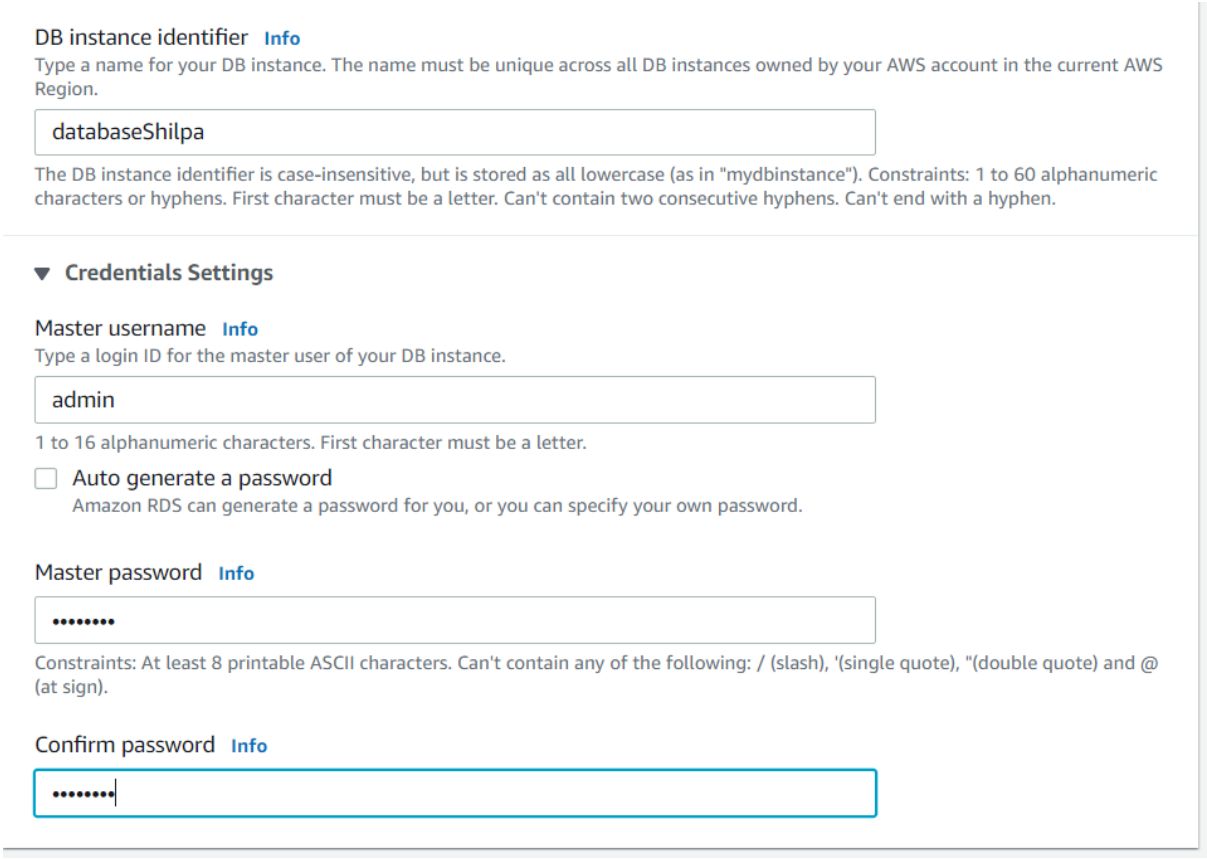
Step 4: Select MySQL and MySQL Community edition



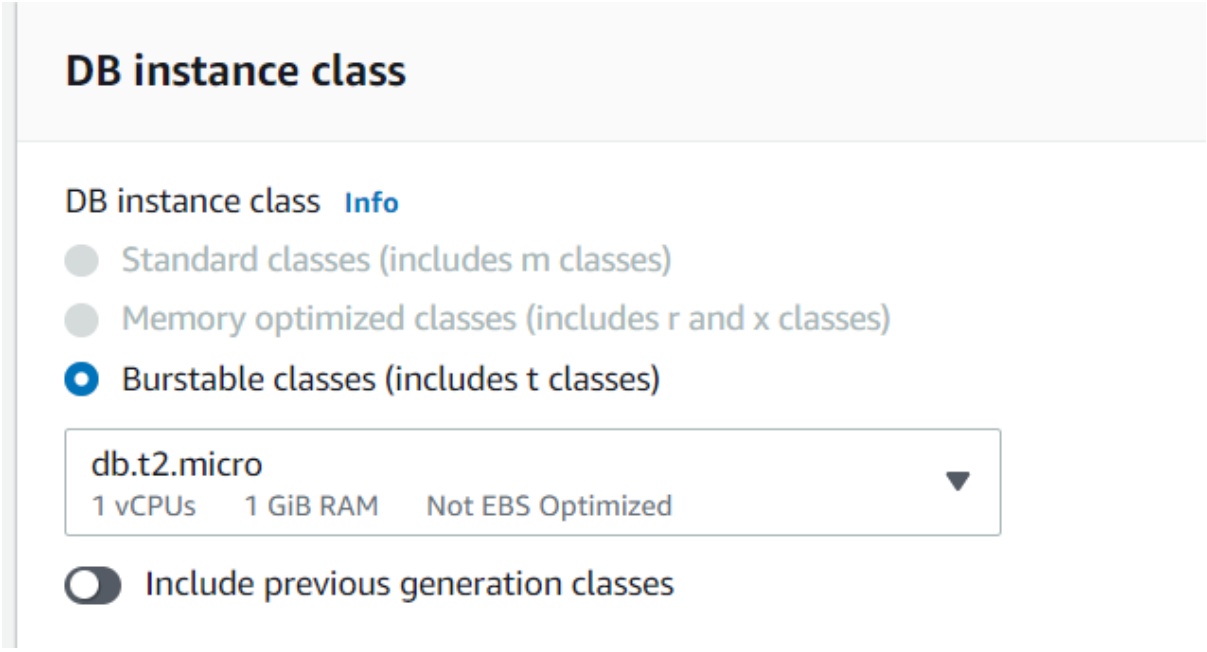
Step 5:In Templates select Free tier



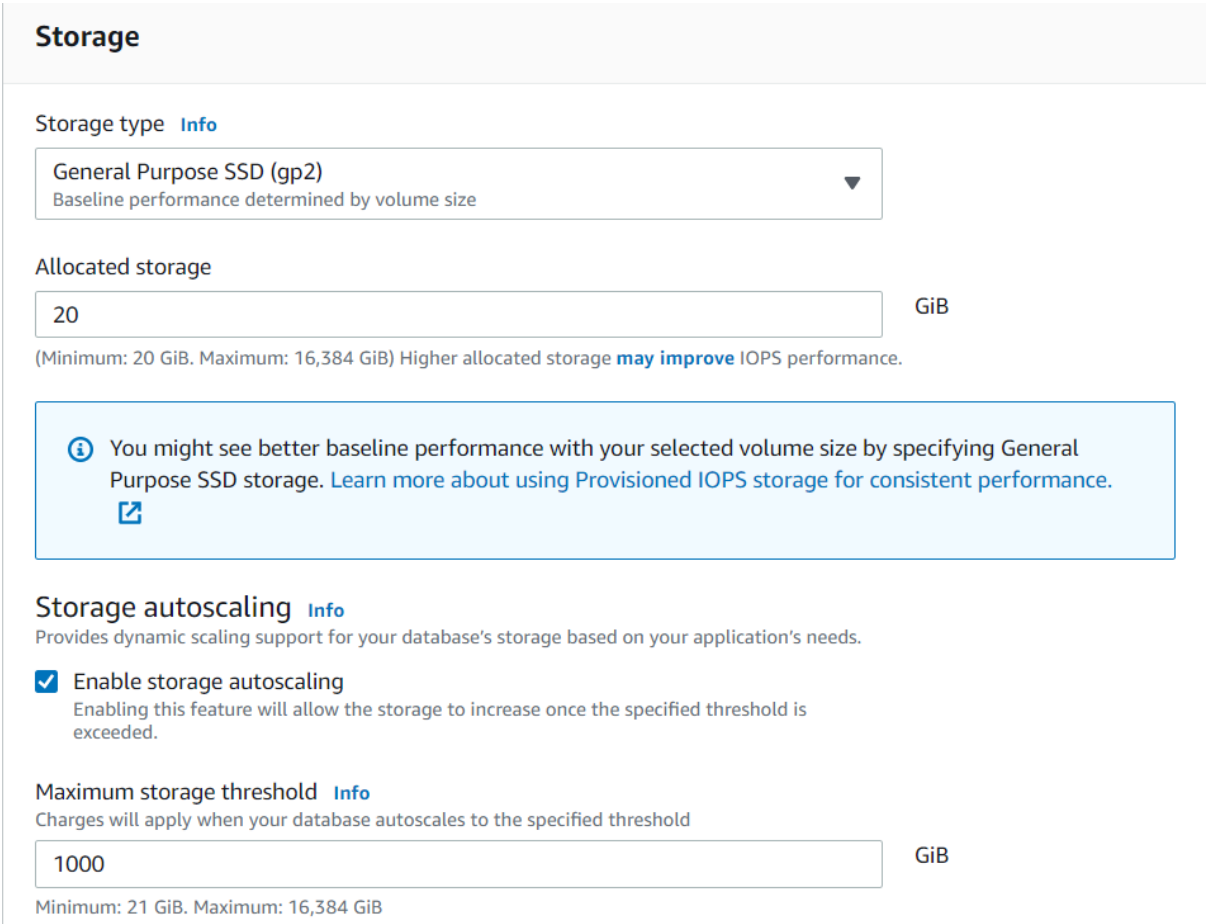
Step 6: Mention database name (default is database1) and username and password



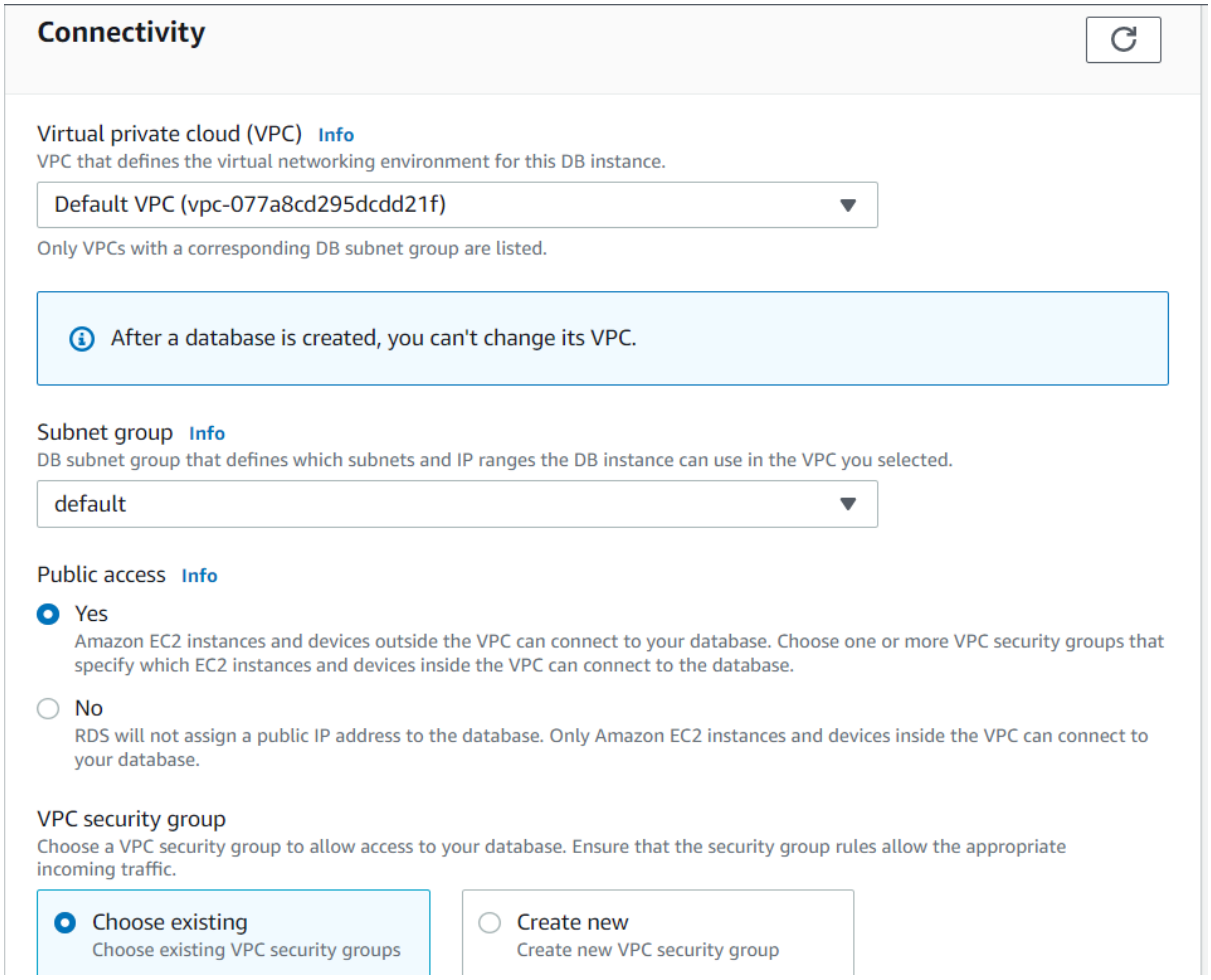
Step 7: Instance is t2.micro

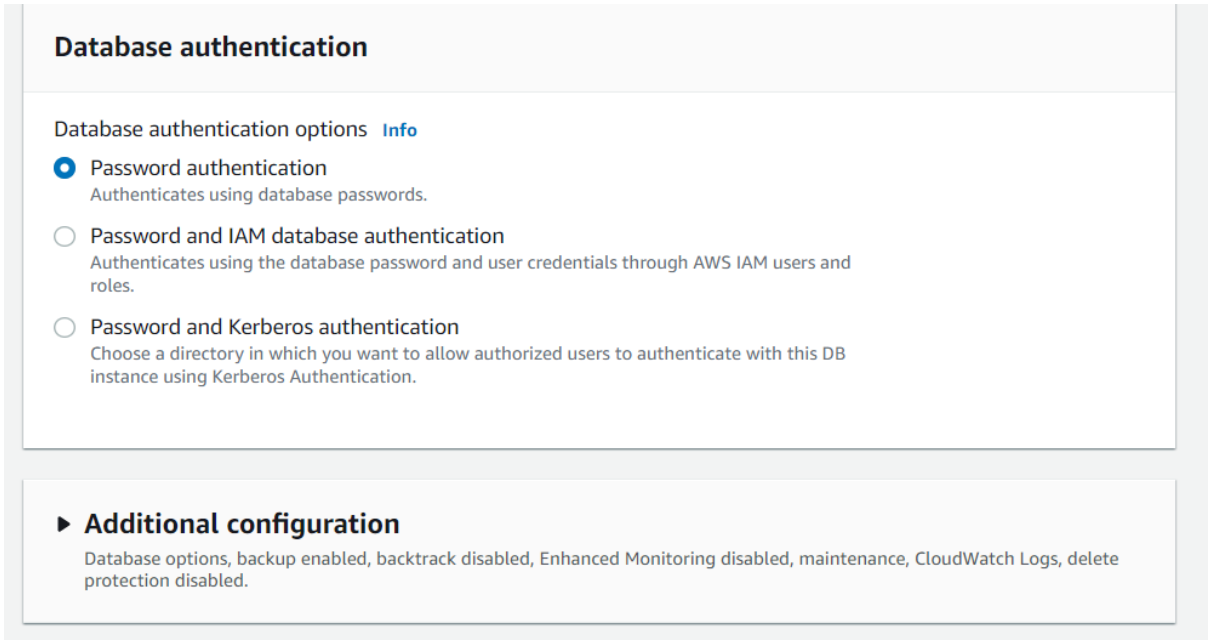


- Rest of things keep default

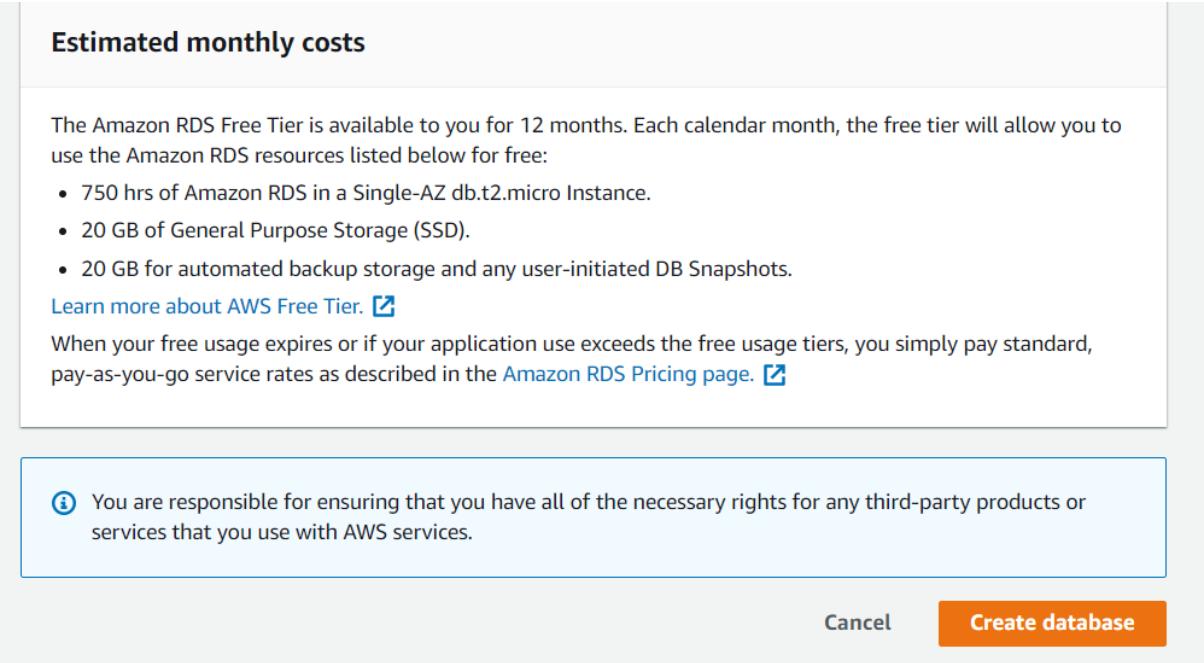


Step 8: Select Public Acess -Yes

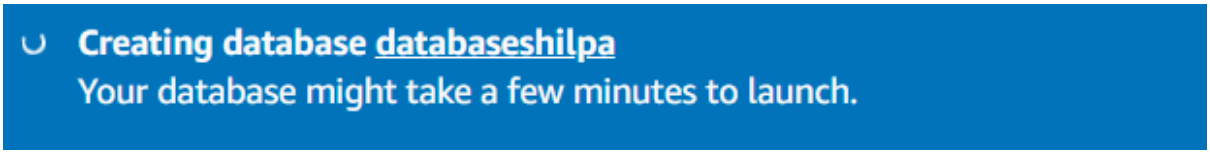




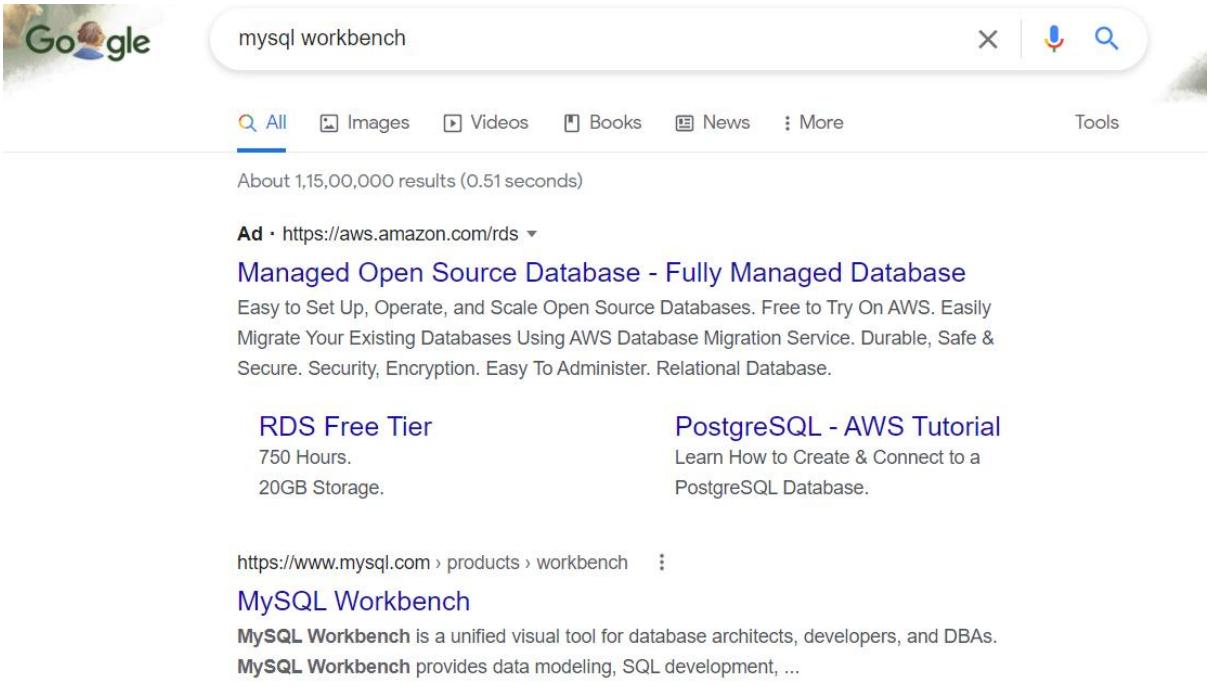
Step 9: Click on to create Database



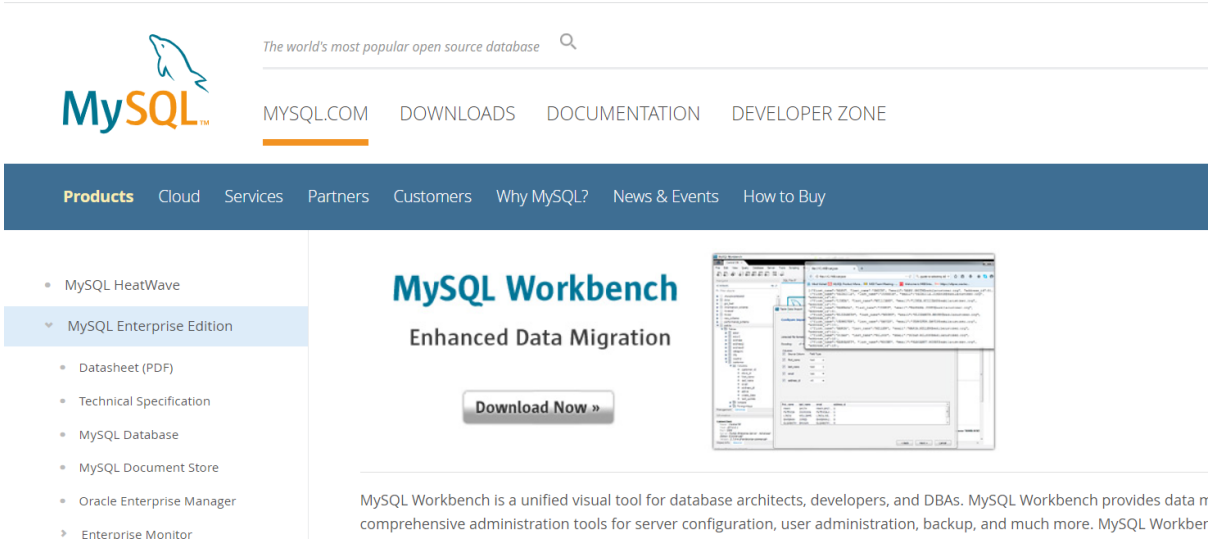
Step 10: It will take some time



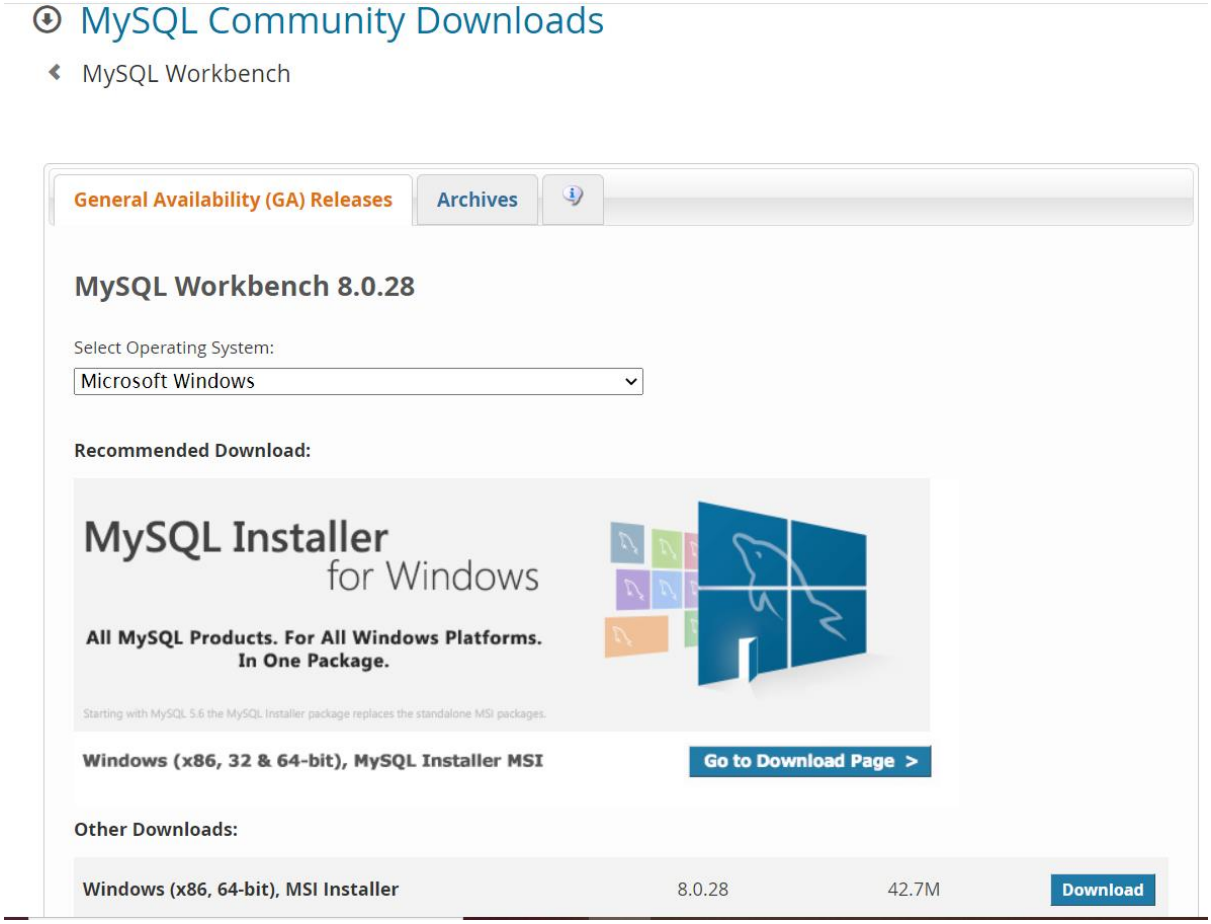
Step 11: Go to google type mysql workbench



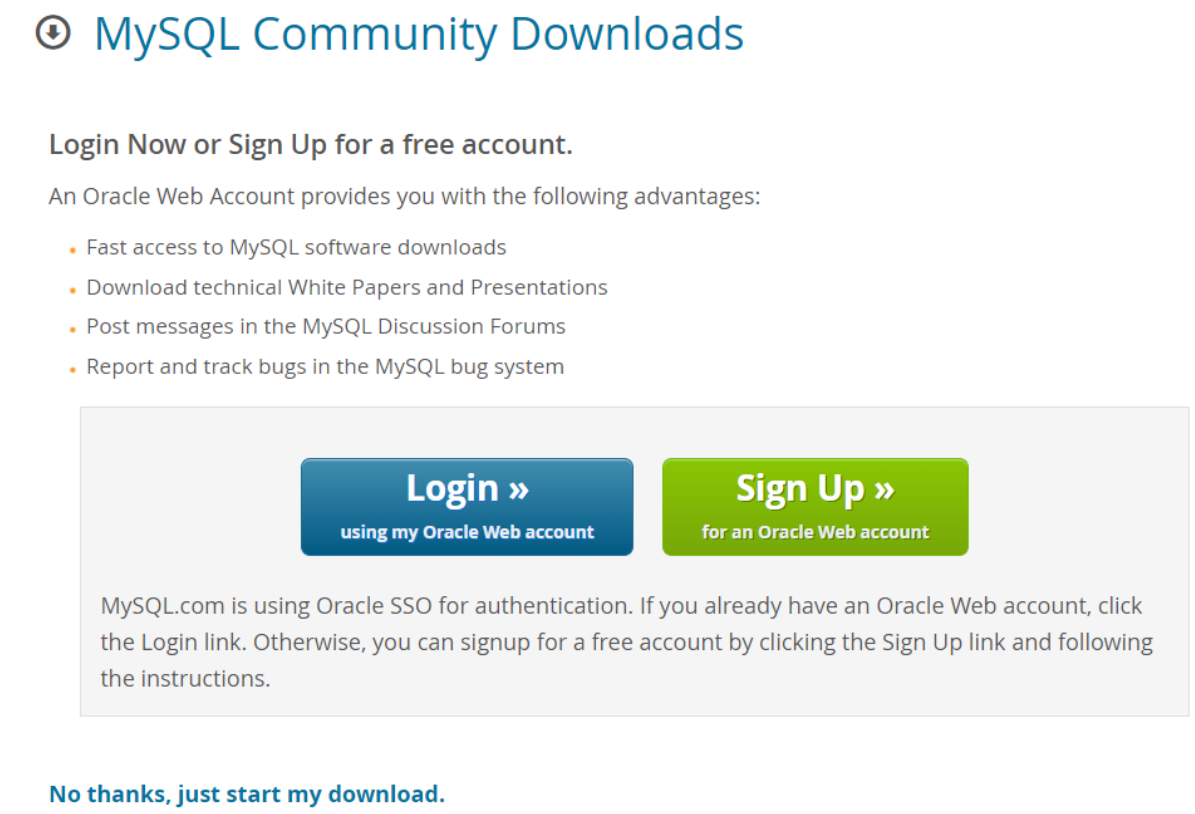
Step 12: Click on to download



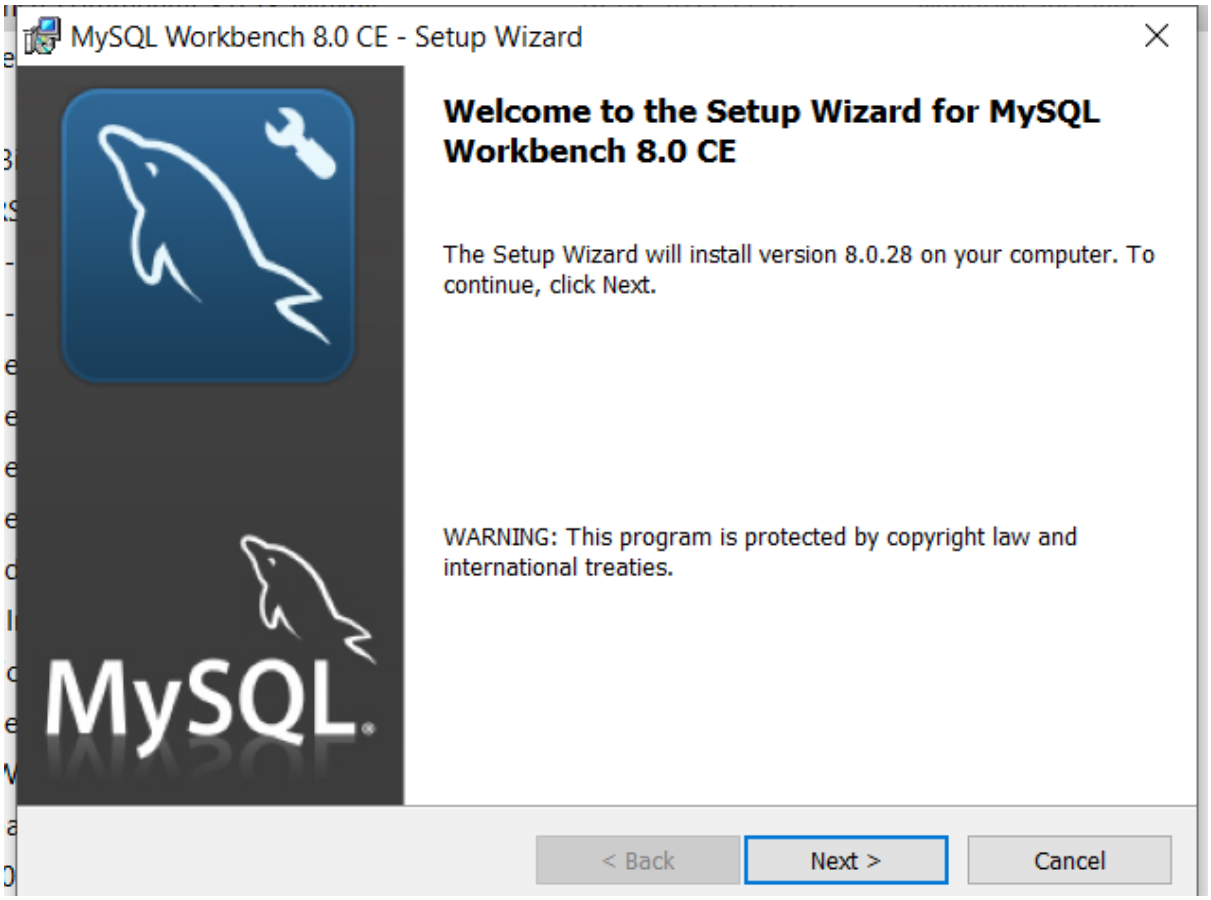
Step 12: MySQL community download – Microsoft Windows

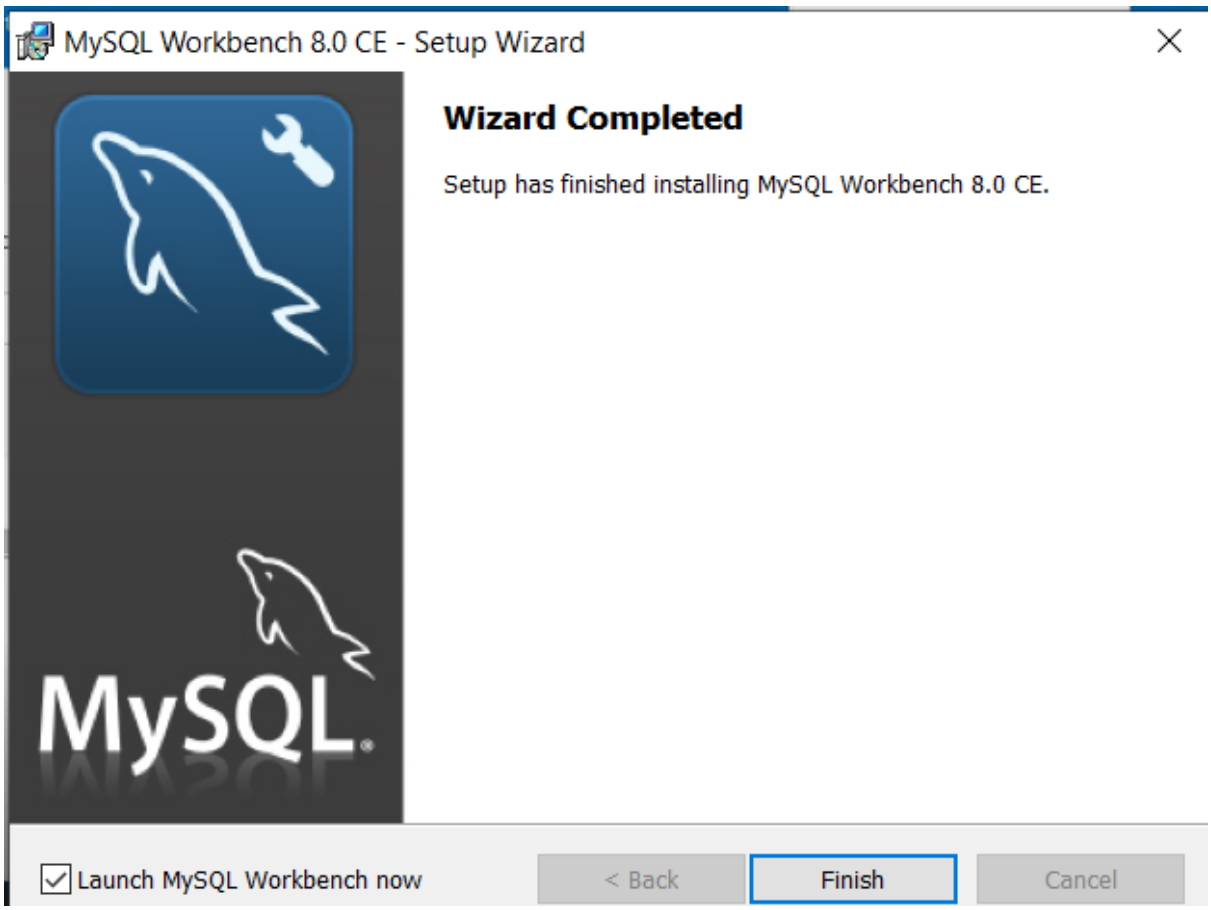


Step 13: Click on to – No thanks , just download

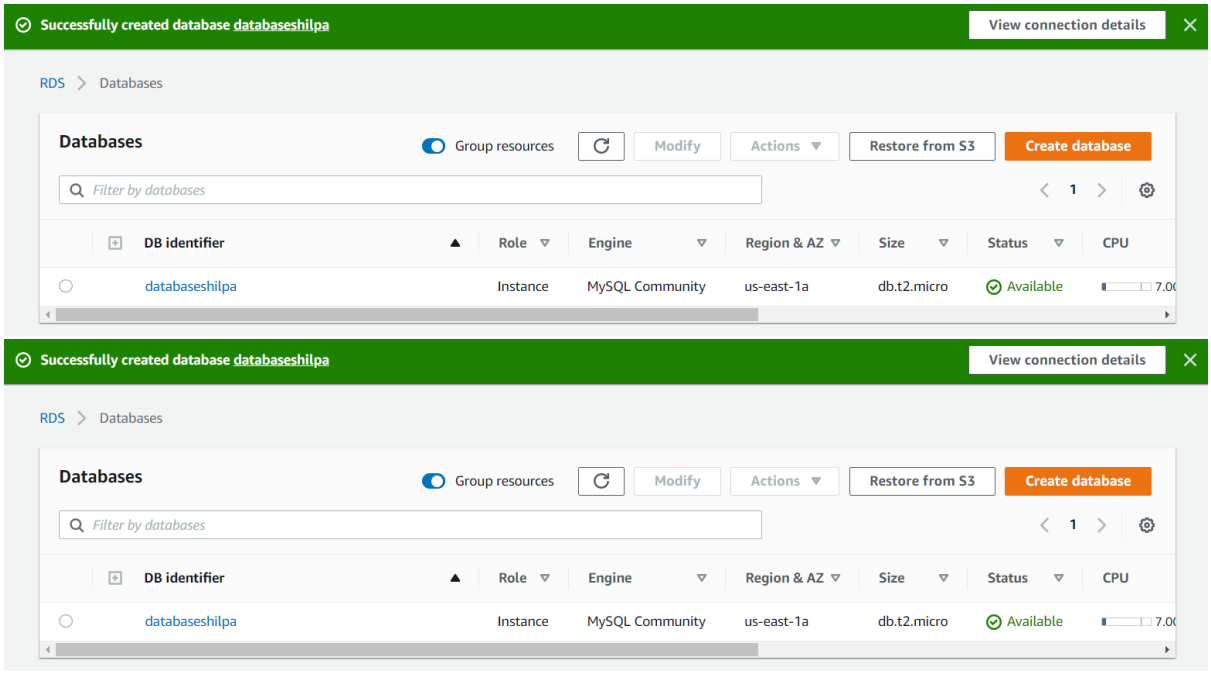


Step 14: Go to downloads of your machine and install it with default settings

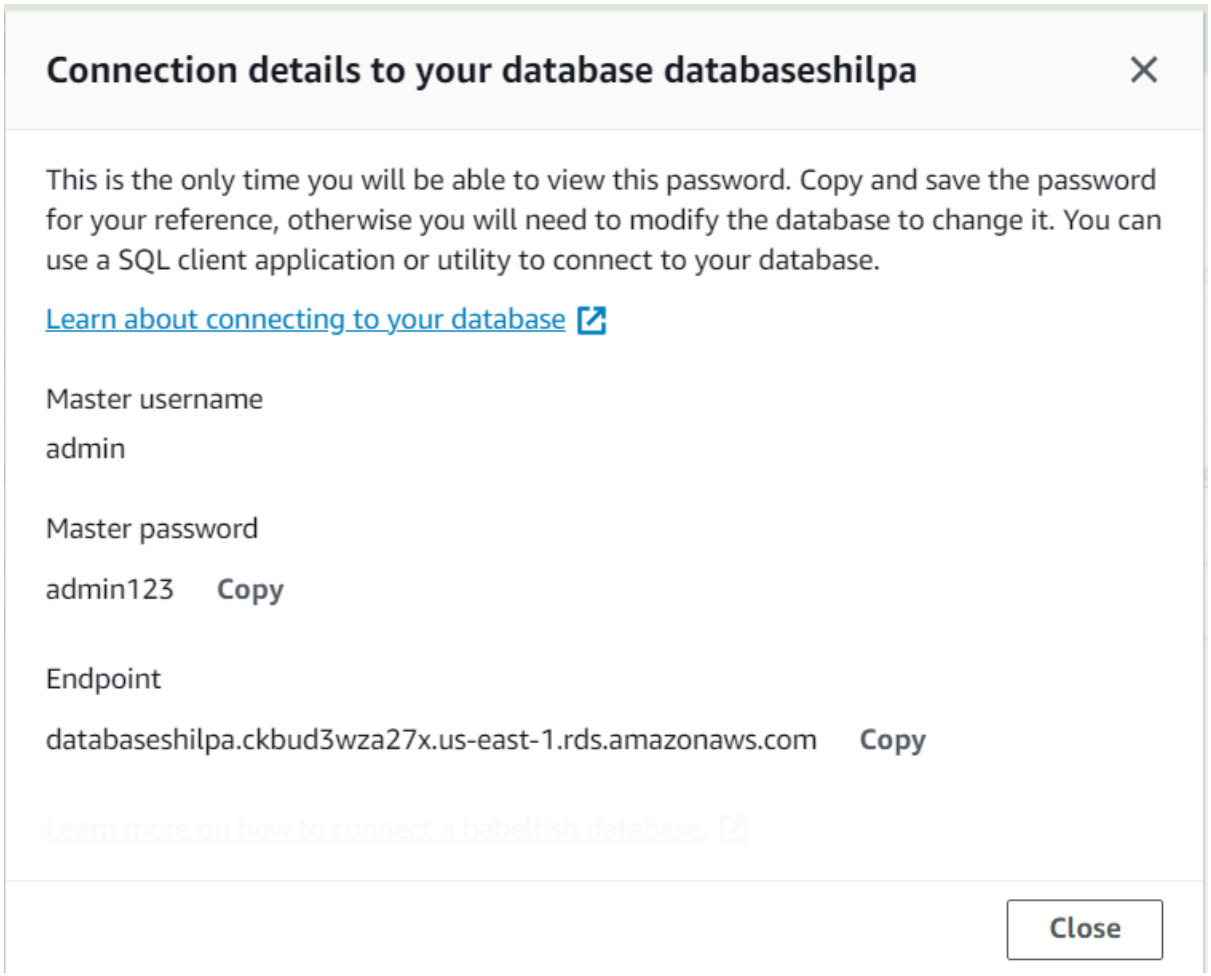




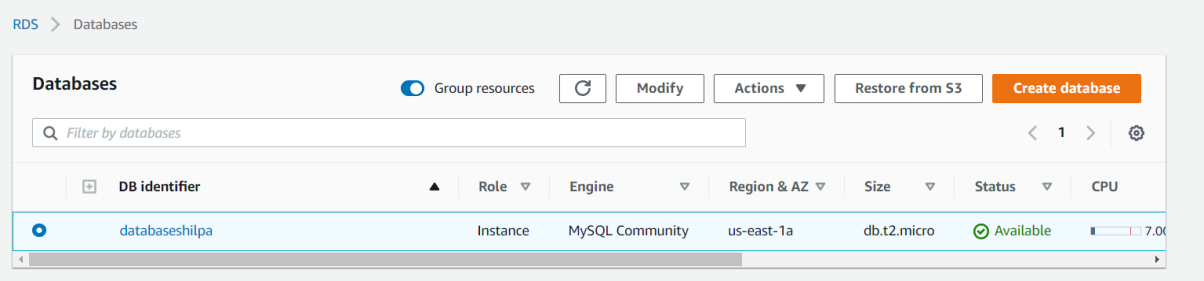
Check your database is created and status is available



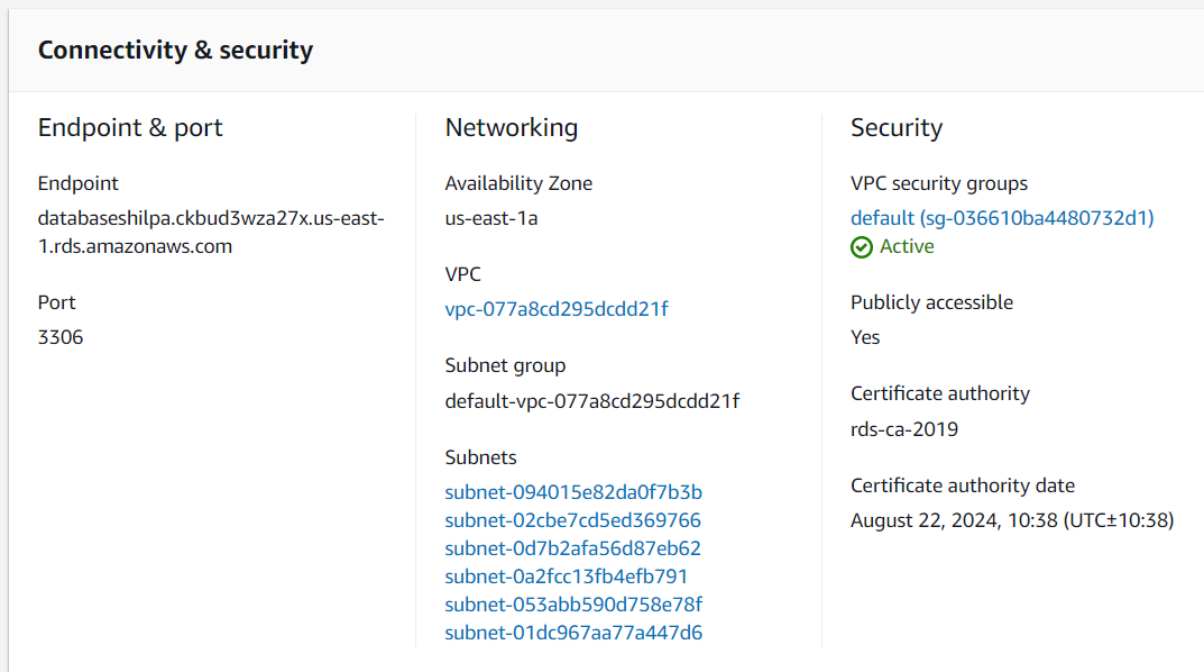
Step 15: Click on to view credential



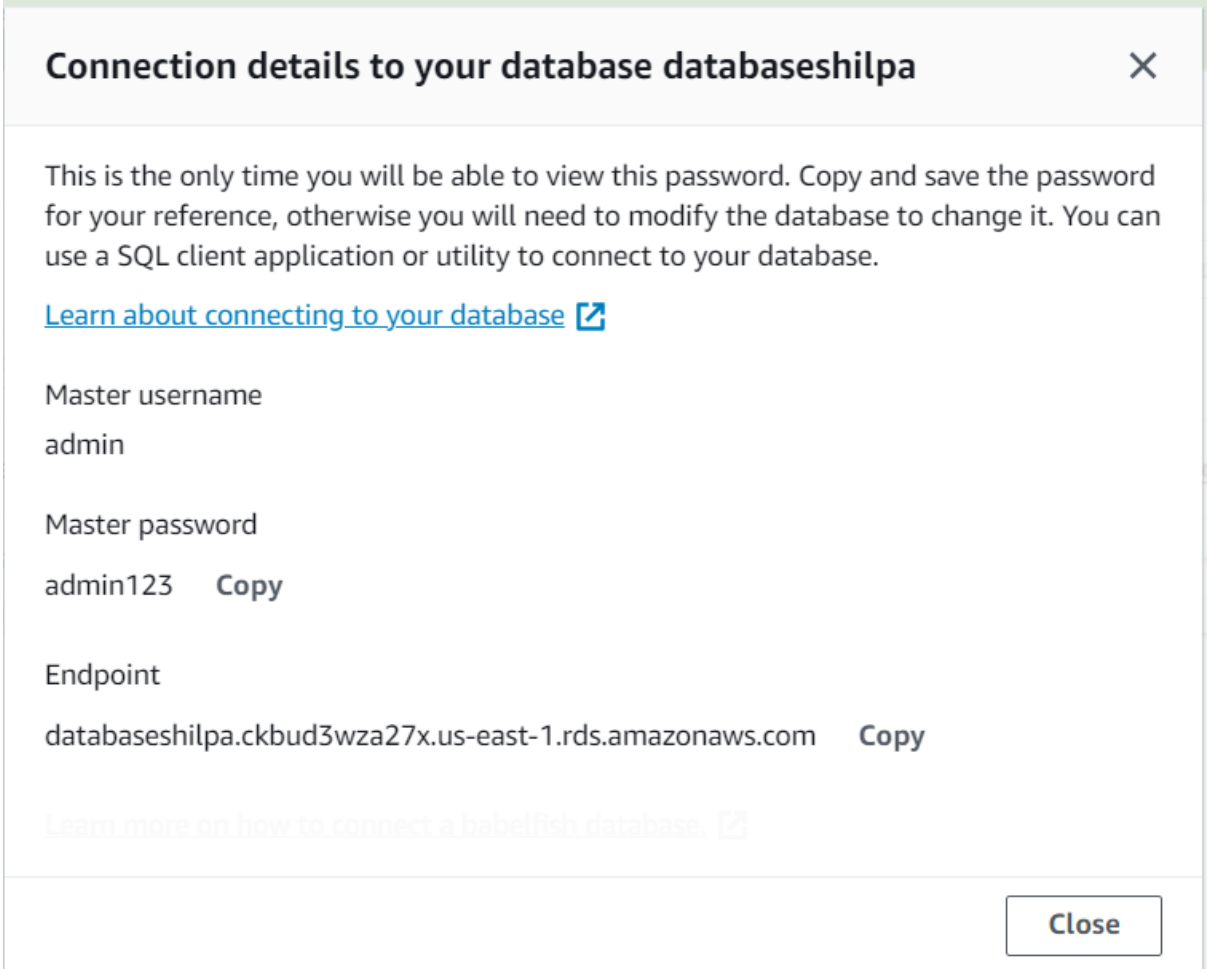
Step 16: Click on to database



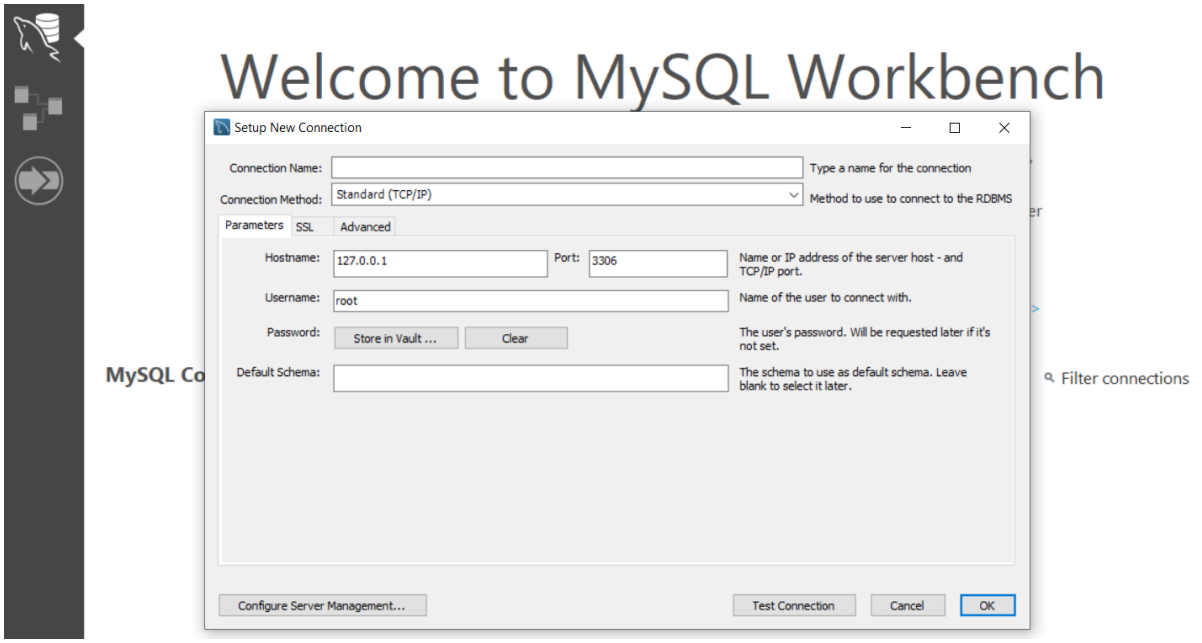
Step 17: Copy Endpoint



Step 18: Go back to workbench



Step 20: Click on to mysql connection



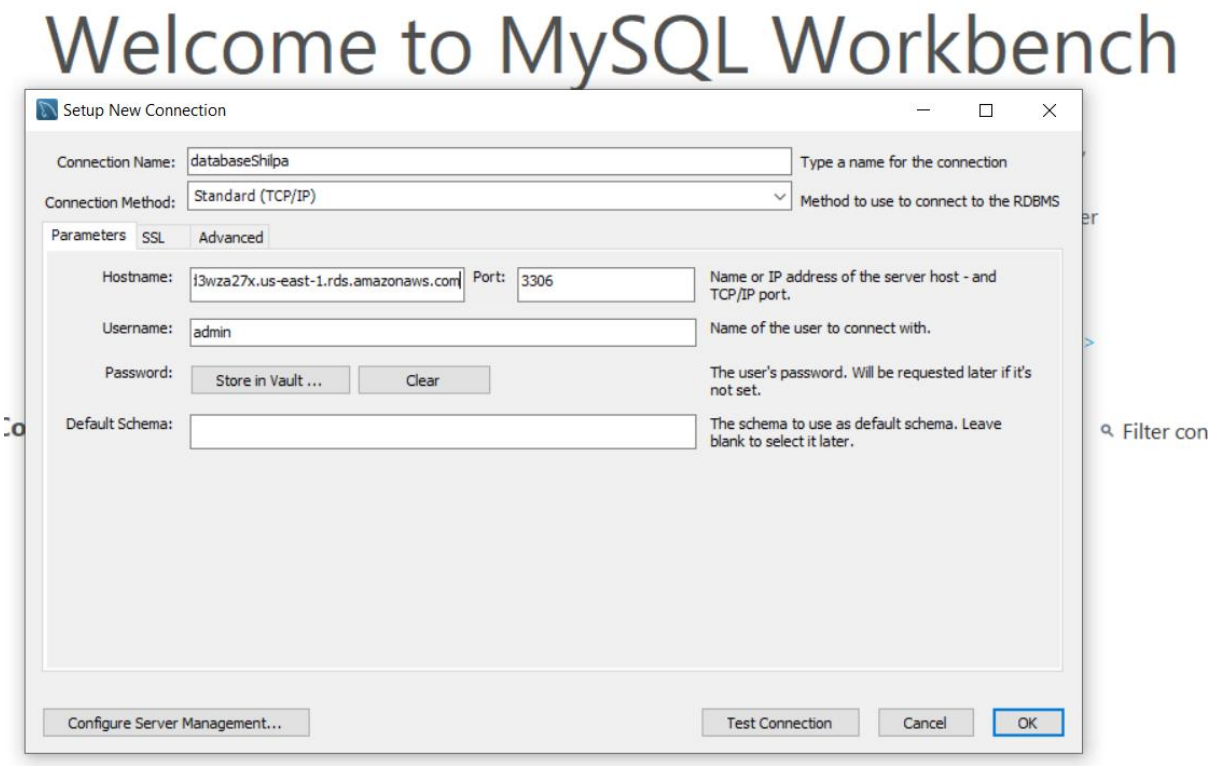
Step 21:

Paste copied endpoint in Hostname

Connection Name : databaseShilpa

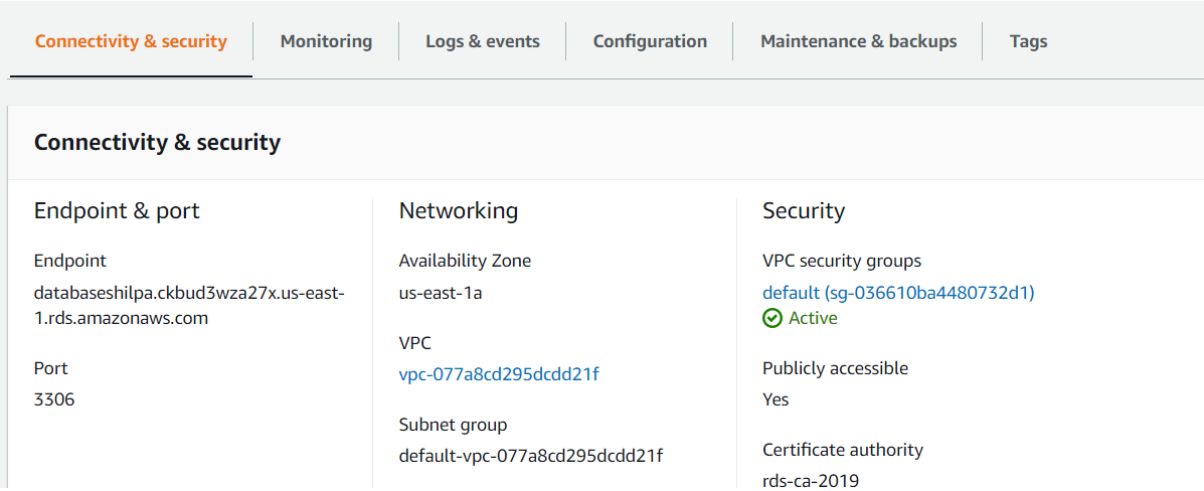
Username : admin

Click on to Test Connection

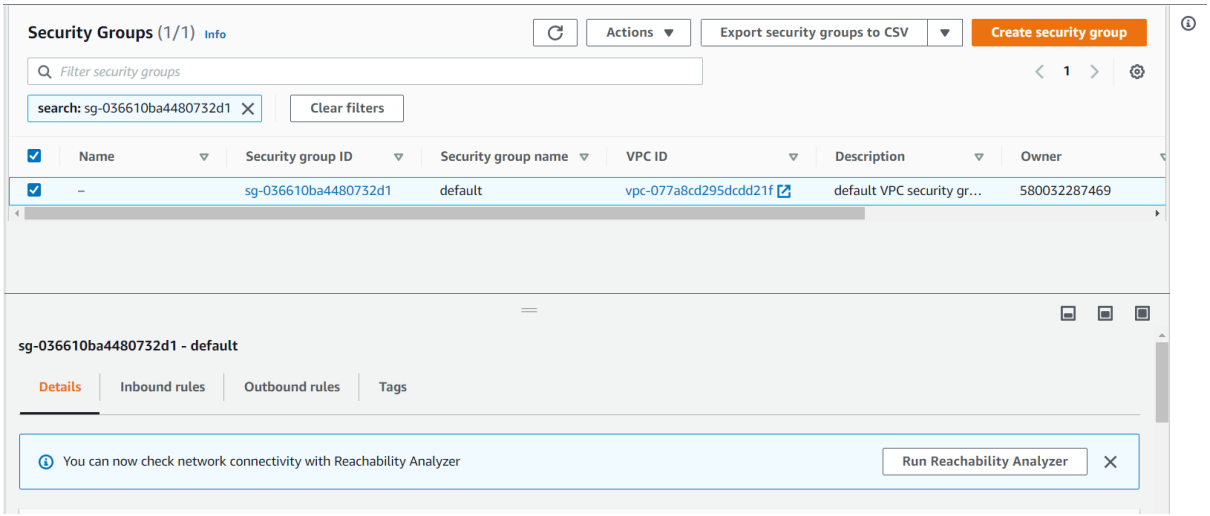


Enter admin password

Step 22: Go to vpc security group

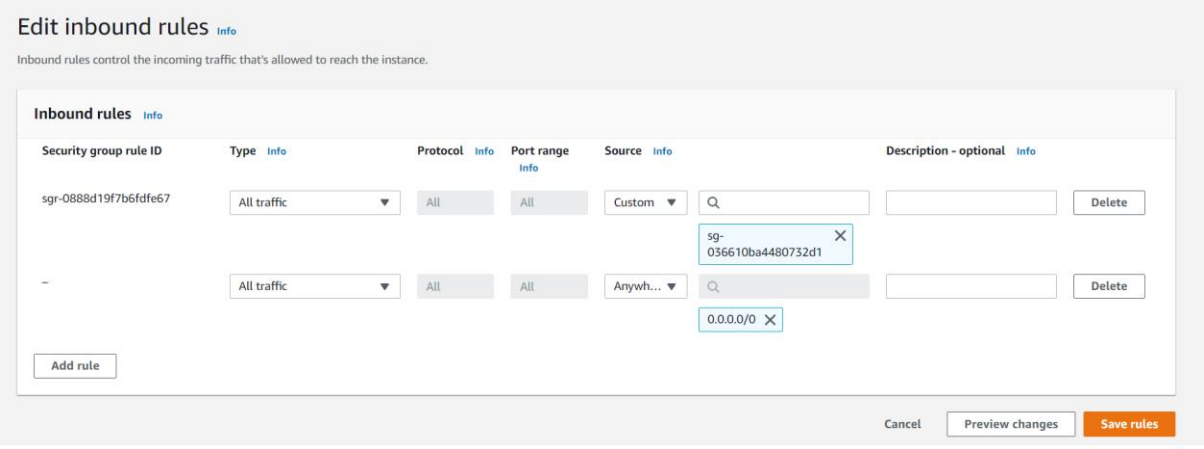


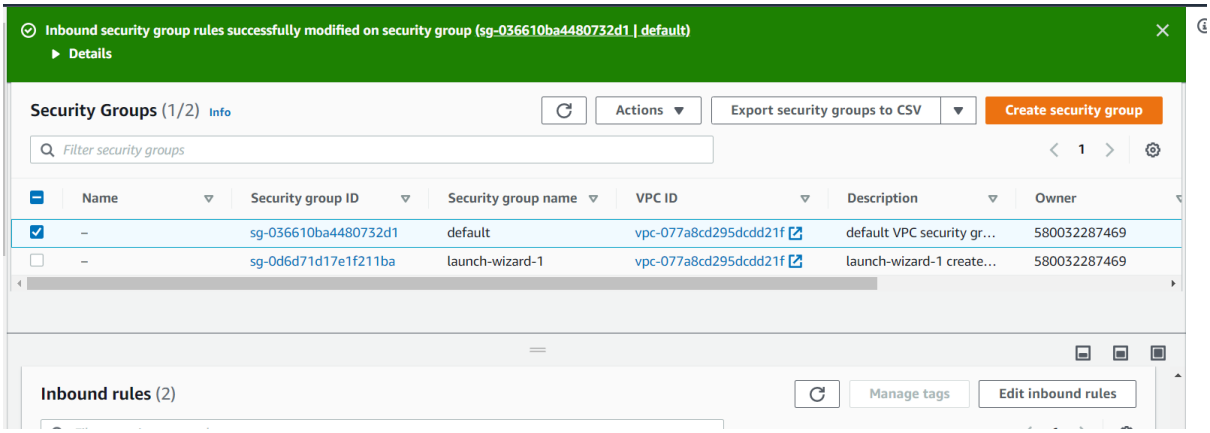
Step 23: Click on to inbound rules

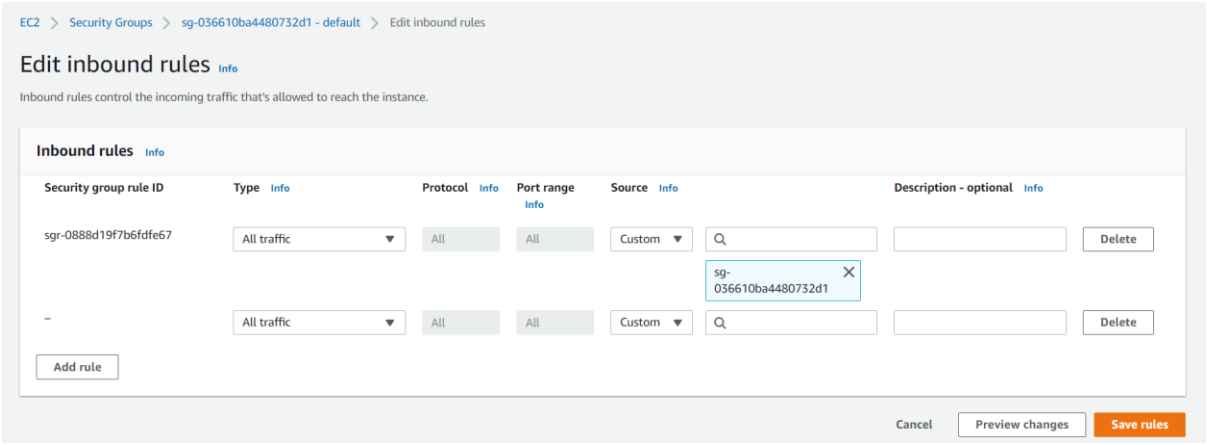


Step 24: First select Click on to Edit inbound rule add rule select ipv4 --all traffic (add 0.0.0.0./0) and save Rules

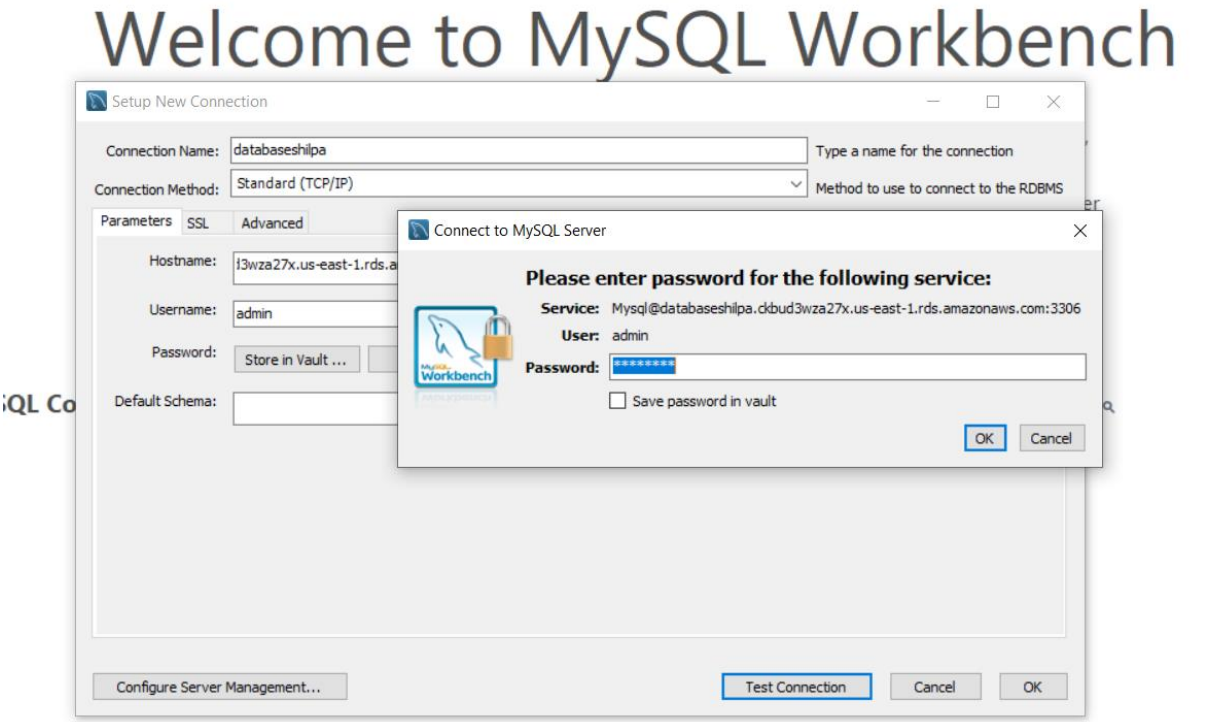
(important step to add inbound rule)

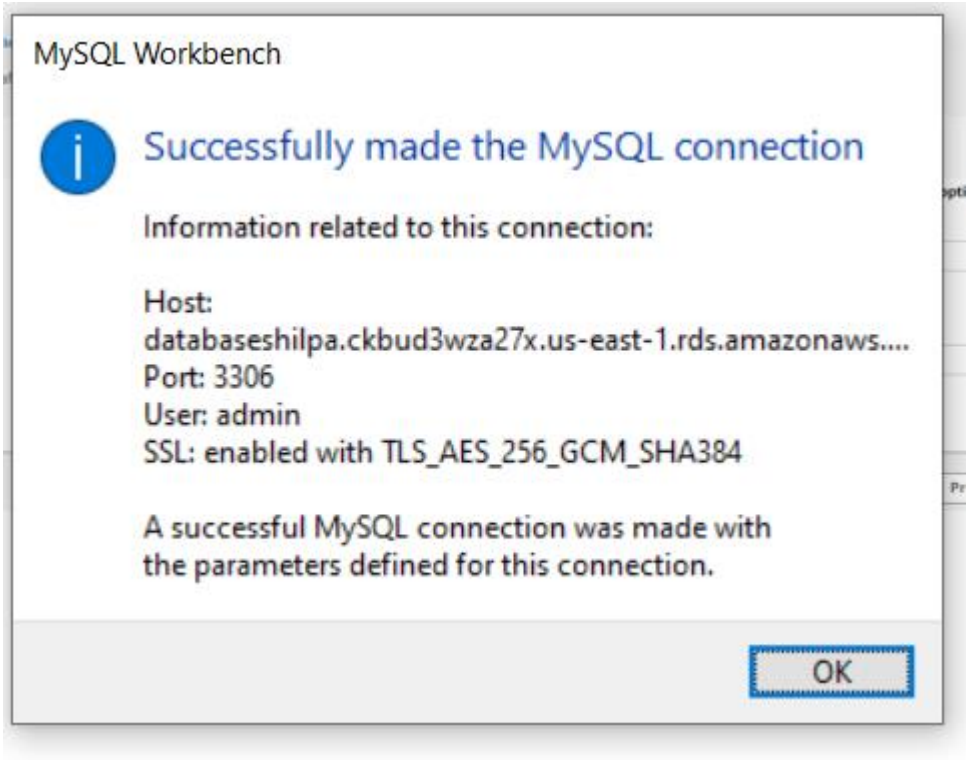






Step 22: Goto workbench (after giving details click on to Test Connection)

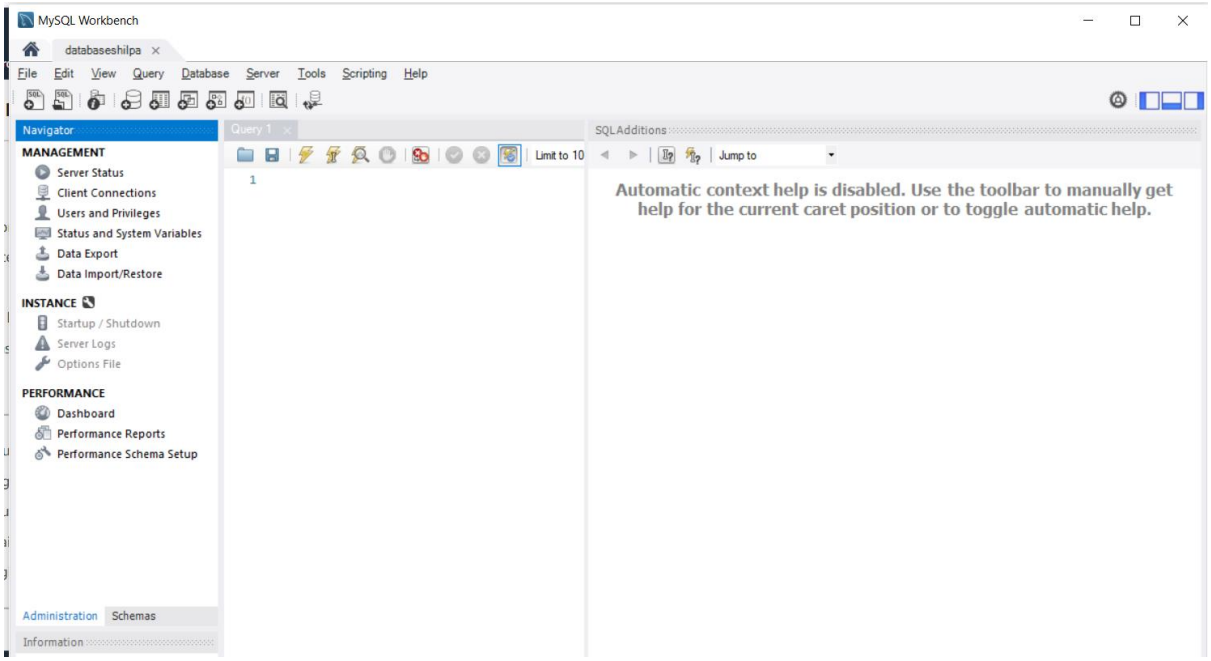




Click on Ok button

Go to workbench double click on connection(databaseshilpa)

It will get opened



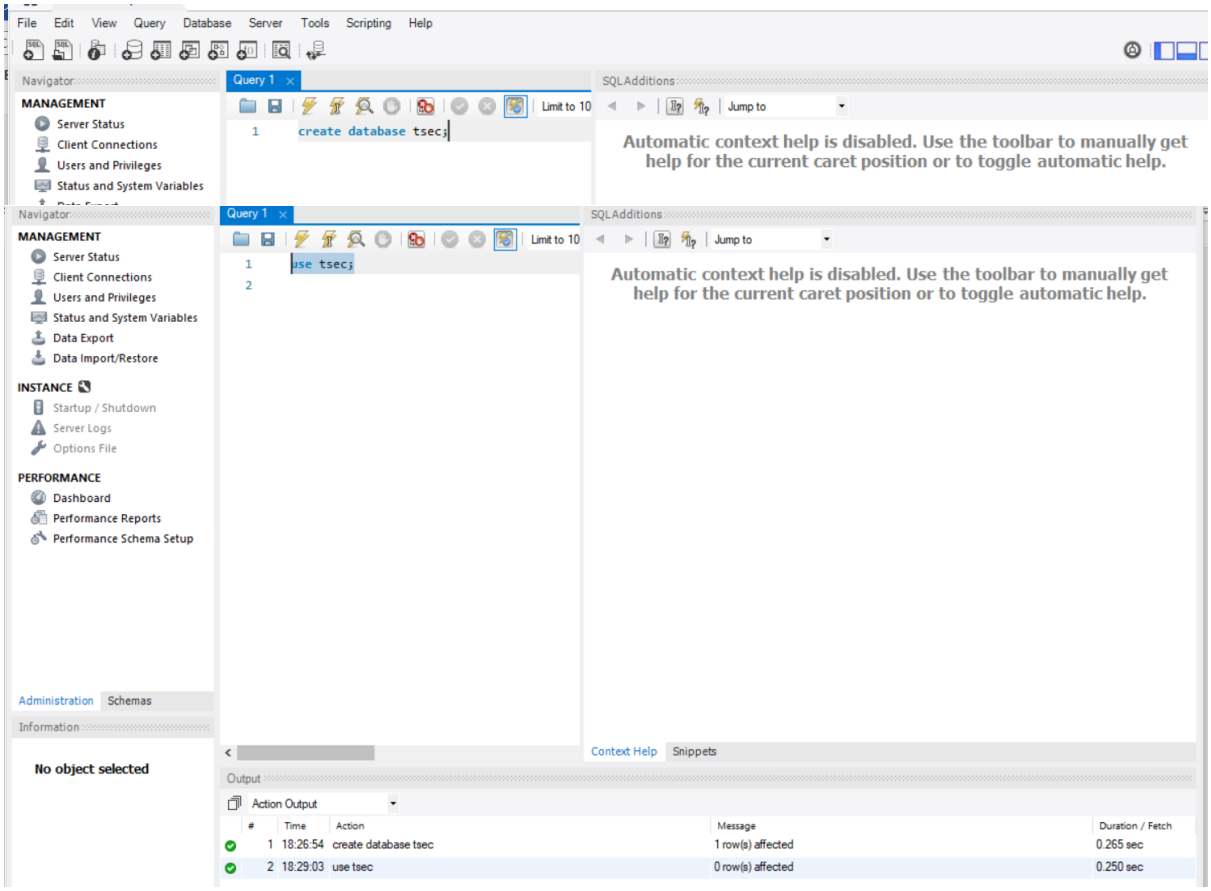
Step 23:

Write query and execute

Create database tsec;

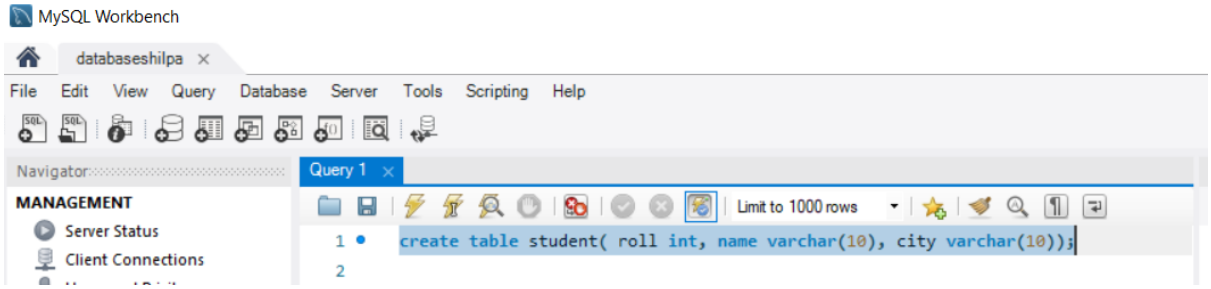
Use tsec;

Show tables;

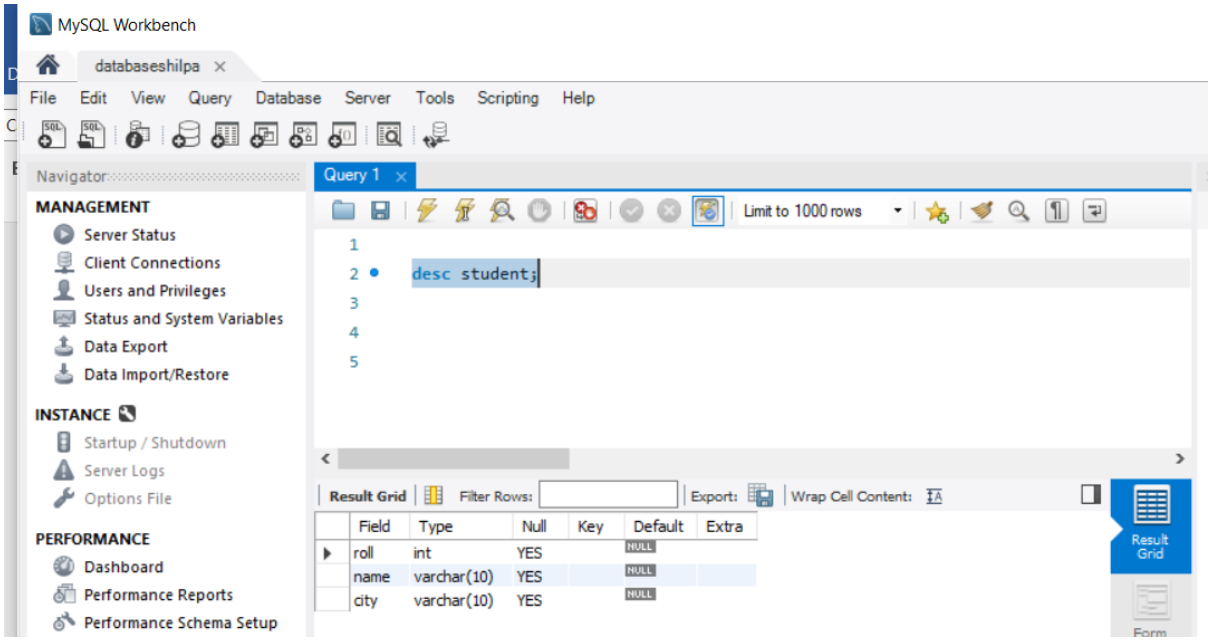


Create table for eg:

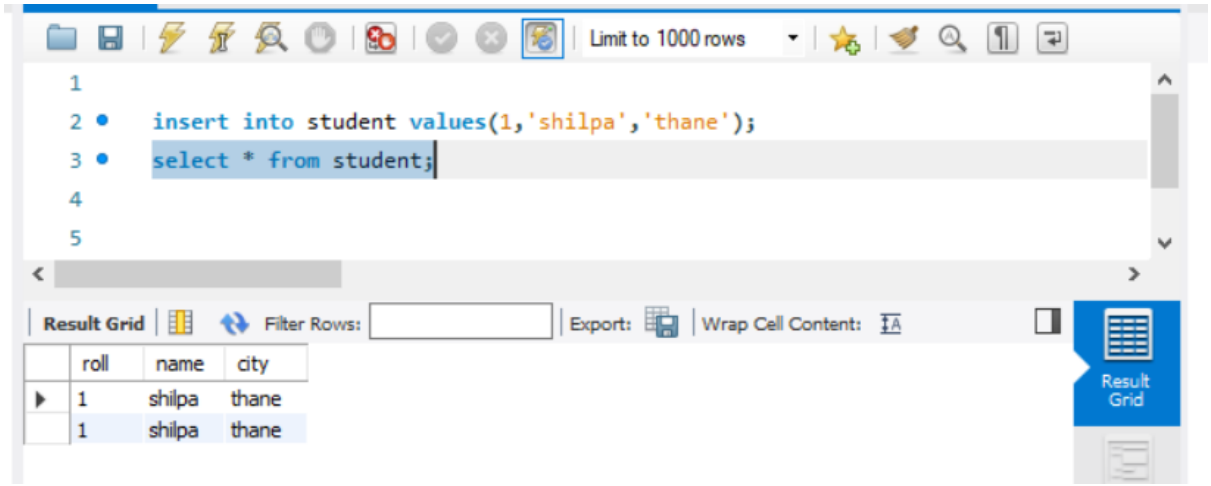
create table student(roll int, name varchar(10), city varchar(10));



Describe student;



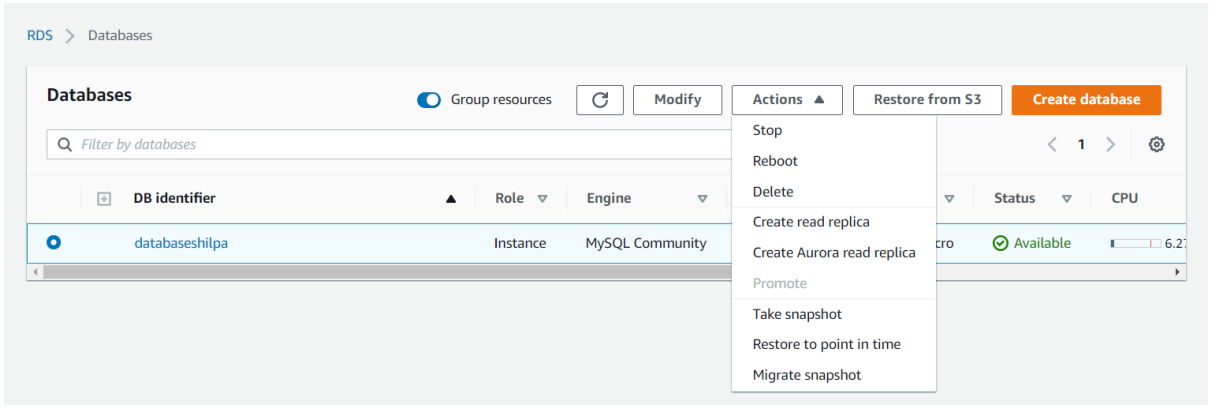
insert into student values(1,'shilpa','thane'); (Perform all CURD) operations)

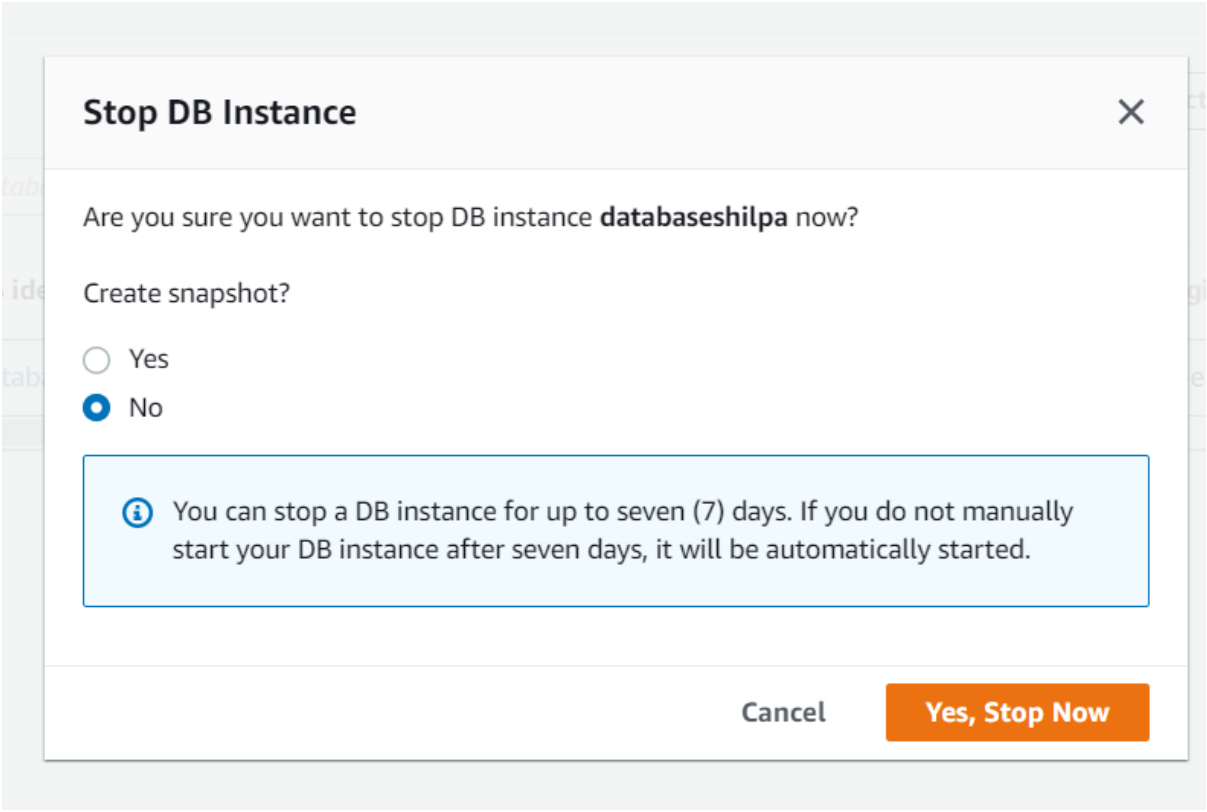


Step 24:

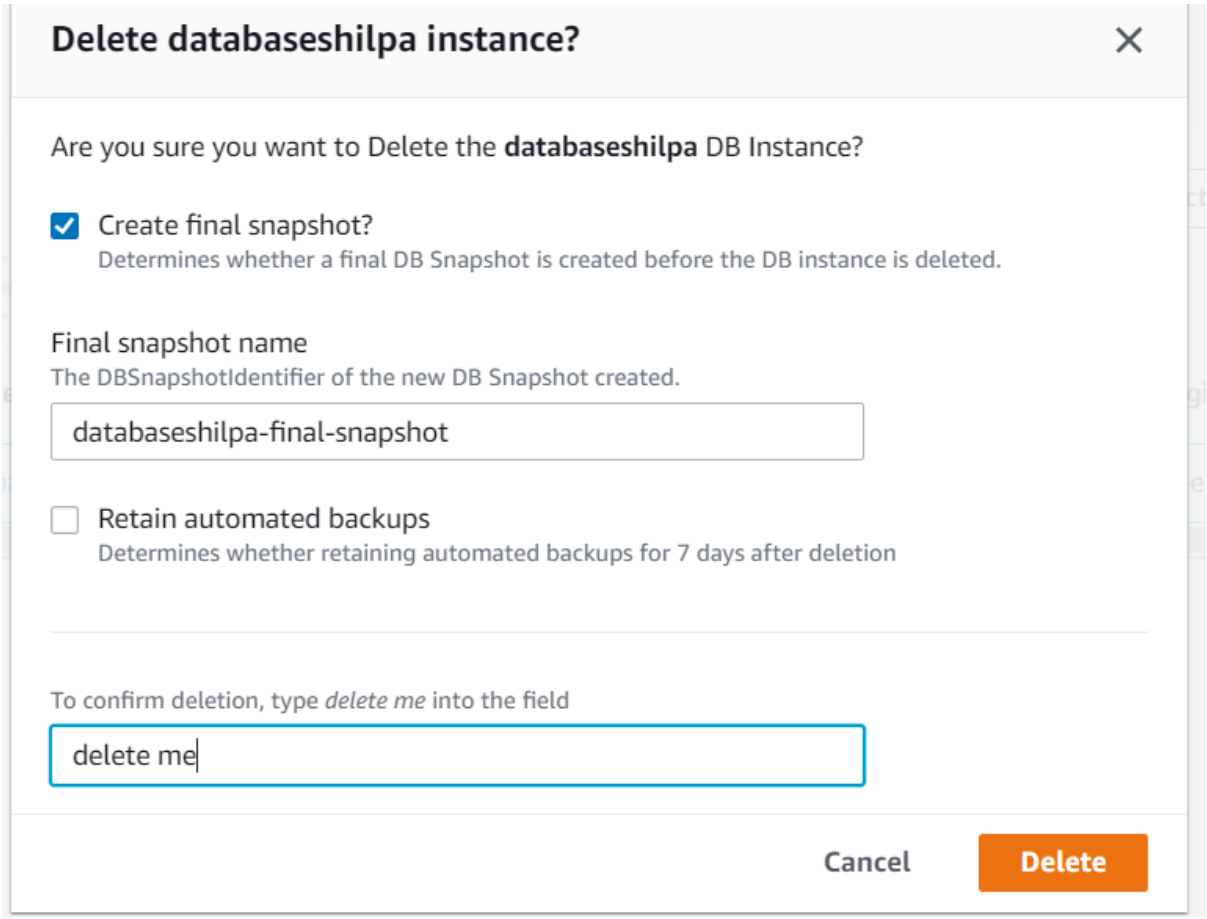
Now delete the instance (once you have done with it)

Select instance go to action stop instance and then delete instance





Uncheck create final shapshot



I acknowledge that upon instance deletion, automated backups, including system snapshots and point-in-time recovery, will no longer be available.

To confirm deletion, type *delete me* into the field

delete me

We strongly recommend taking a final snapshot before instance deletion since after your instance is deleted, automated backups will no longer be available.

Cannot create a snapshot because the database instance databaseshilpa is not currently in the available state. (Service: AmazonRDS; Status Code: 400; Error Code: InvalidDBInstanceState; Request ID: d7ecab9b-a2d1-4eff-88a1-31edfa81ce11; Proxy: null)

Cancel Delete