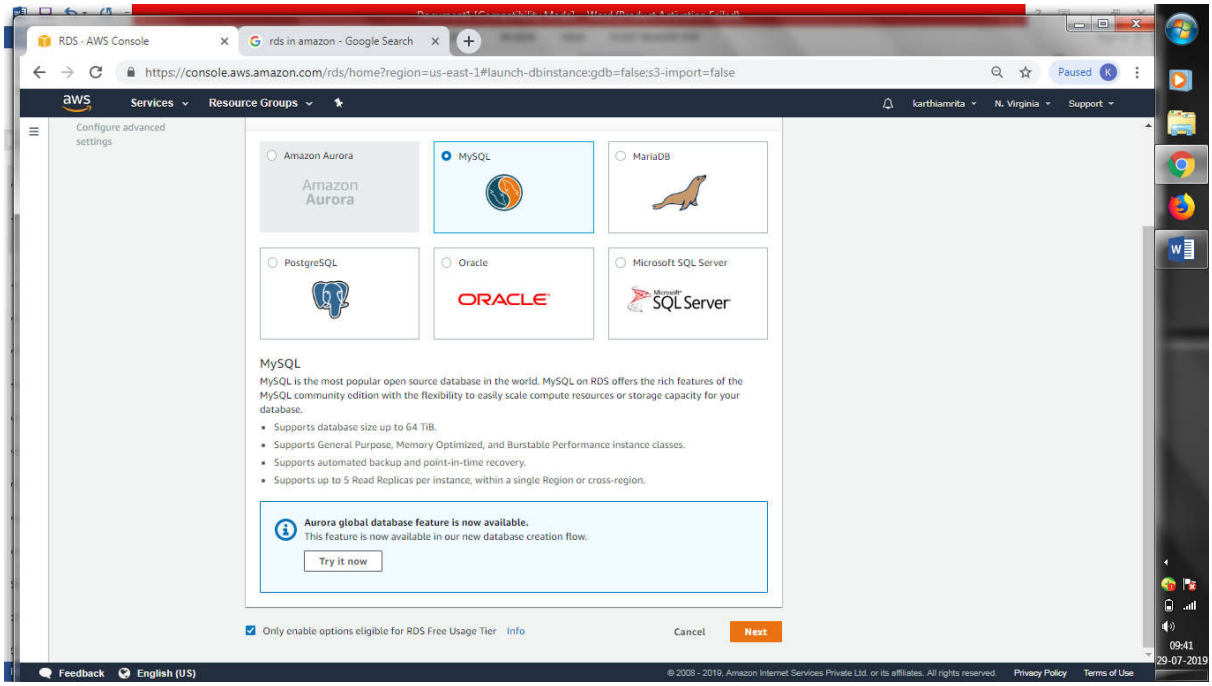
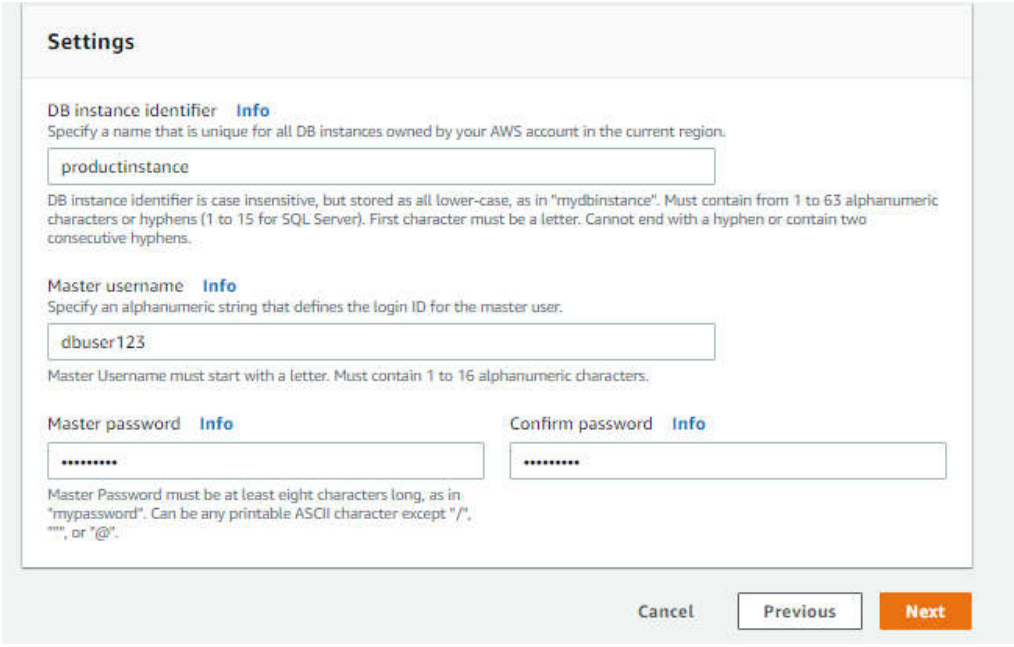
Create a Relational Database Service (RDS) in AWS and connect to RDS

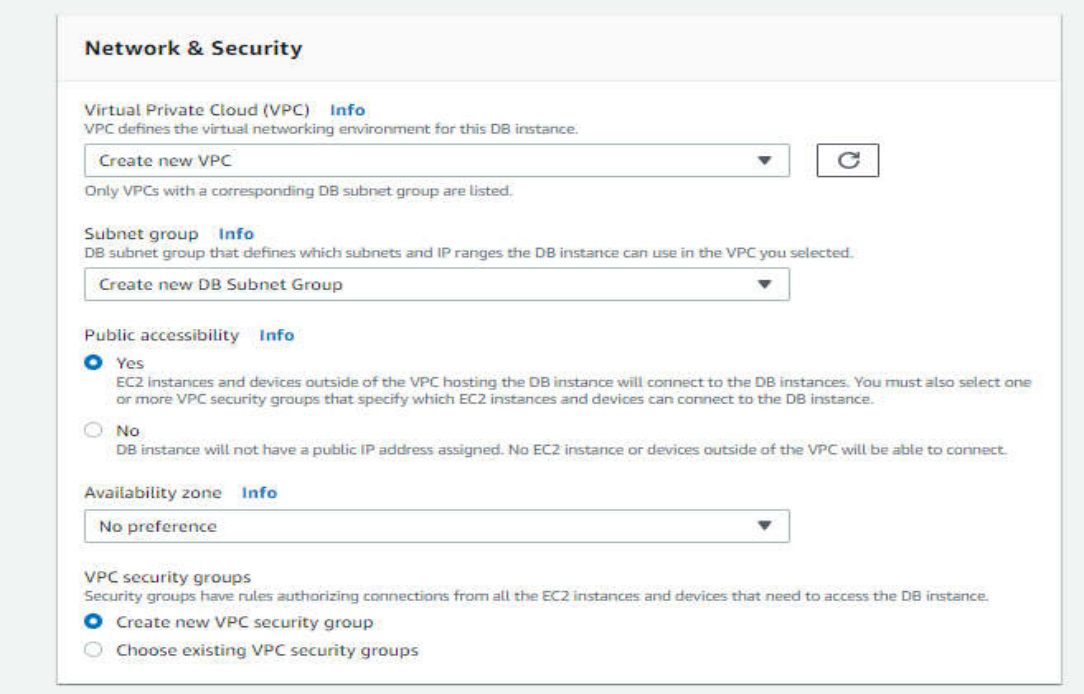
Step 1:
Choose RDS from AWS service
Step 2:
Choose create database – MYSQL and enable free tier option



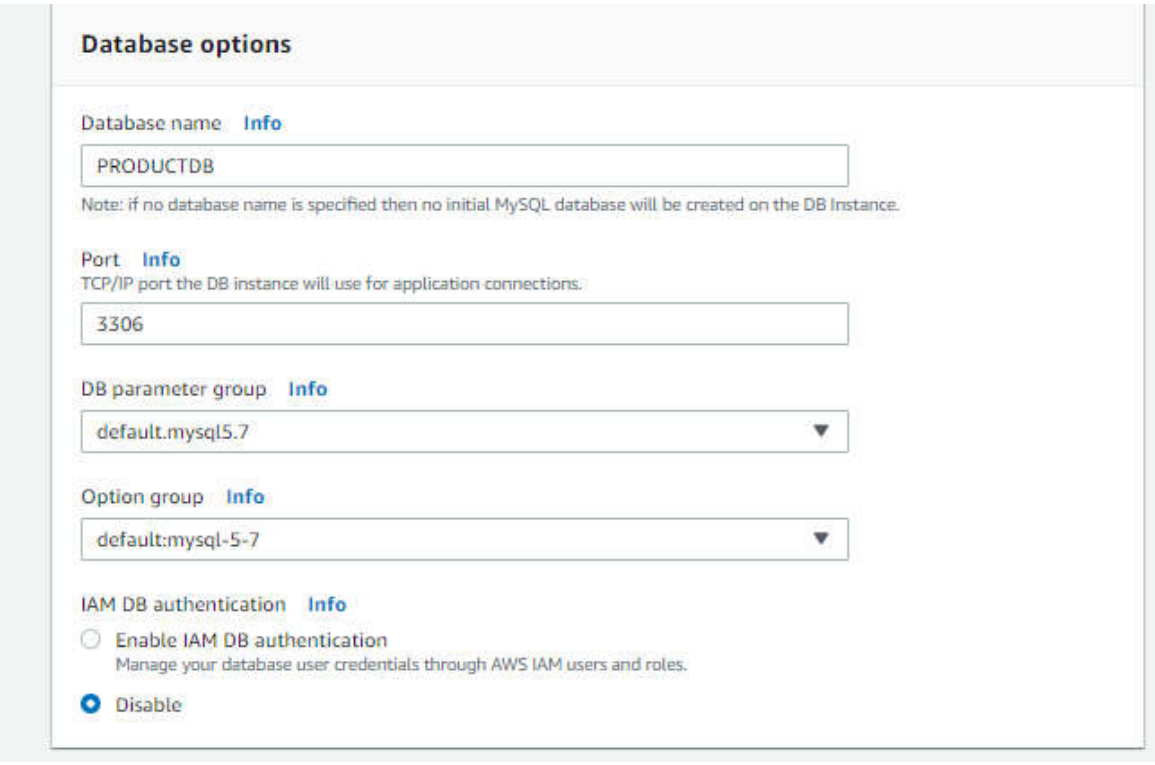
Step 3:
In the specify DB details tab: < Store the instance name , username and password details as they are needed to connect to the database >



Step 4: network settings



Database option



Leave all other settings to default

Step 5:

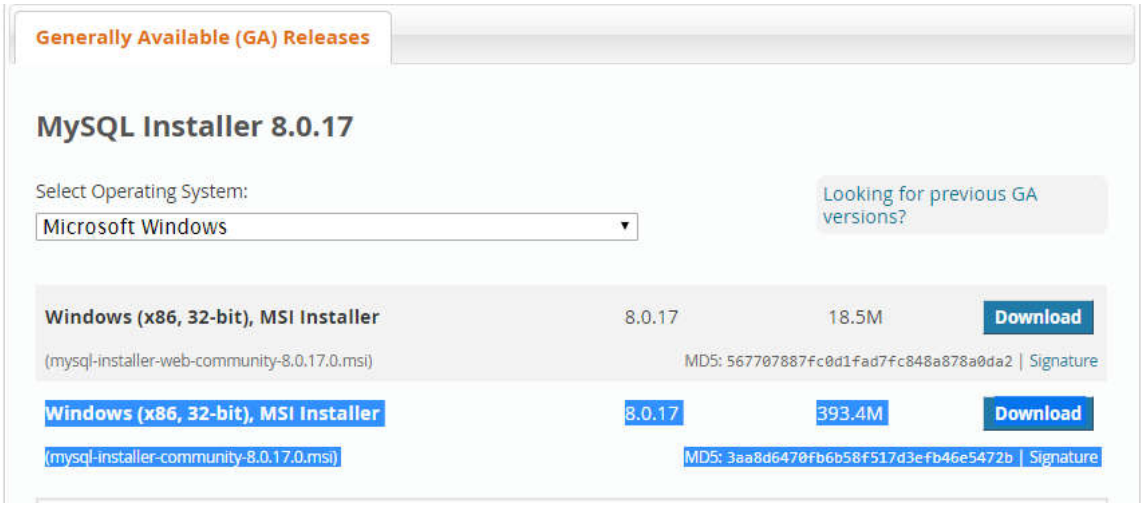
Create and view the database instance -prductinstance– is available

Step 6:

Connect to the database using SQL-Workbench

Install MYSQL and MYSQL work bench

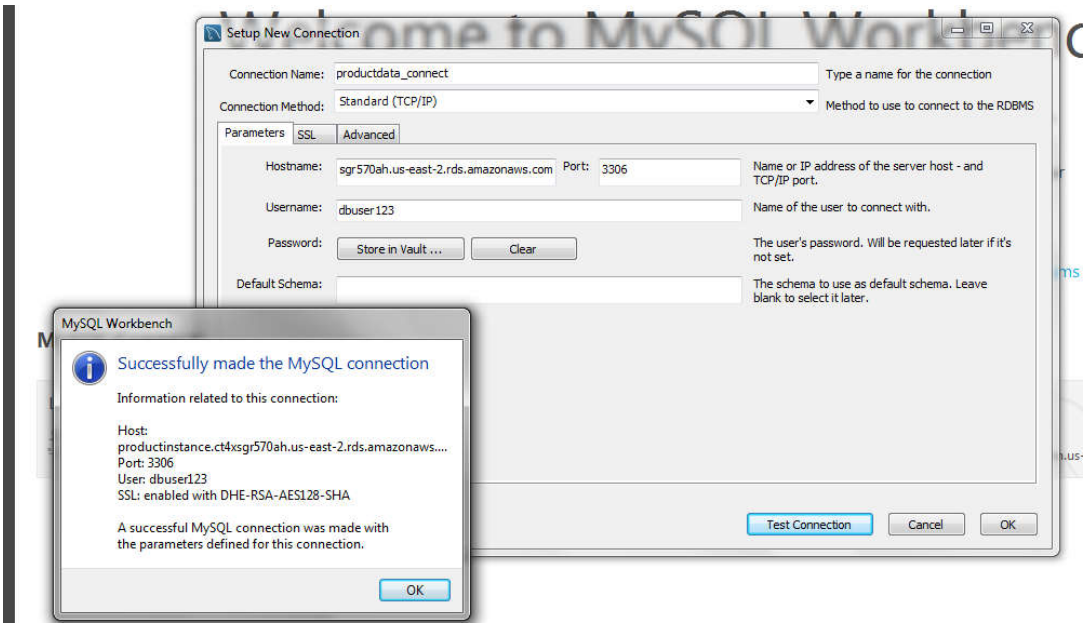
https://dev.mysql.com/downloads/windows/installer/8.0.html



Refer link for installation https://www.youtube.com/watch?v=WuBcTJnIuzo

Step 7:

Launch MYSQL work bench and go to menu - Databases – Connect to databases.



Fill the details

1. Stored connection – productdata_connect

2. Hostname: endpoint details from dbinstance in AWS

3. Username: username – username entered during RDS creation on aws (step3)
4. Password: password entered during RDS creation on aws (step3)

Test the connection and connect to database.

Step 8:

Write queries in SQL workbench and update Database on AWS

Step 9:

Create a node program to connect to the mysql server

Step 1. create_db_inaws1.js

```
var mysql = require('mysql');

var con = mysql.createConnection({
  host: "productinstance.ct4xsgr570ah.us-east-2.rds.amazonaws.com",
  user: "dbuser123",
  password: "dbuser123",
  port: "3306"
});

con.connect(function(err) {
  if (err) throw err;
  console.log("Connected!");
  con.query("CREATE DATABASE mydb12", function (err, result) {
    if (err) throw err;
    console.log("Database created");
  });
});
```

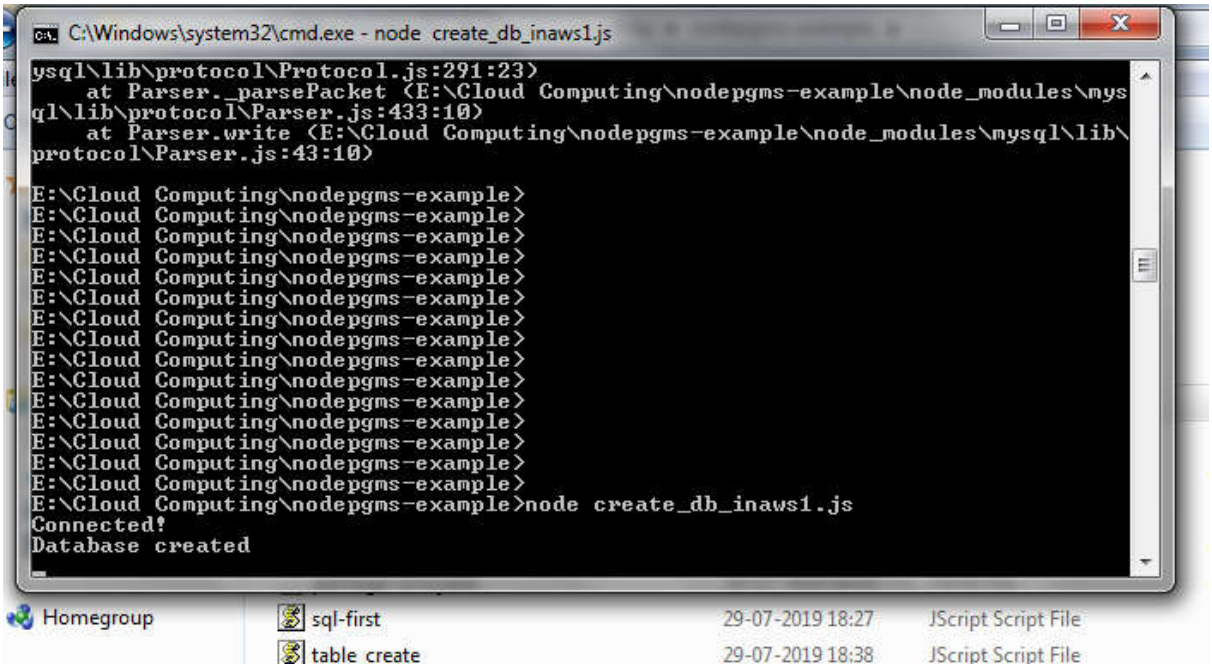
Step 2 . install mysql in the folder using

```
npm install mysql --save
```

Step 3: To run in cmd using nodejs :

```
>> node create_db_inaws1.js
```

To



A Creates a database in AWS