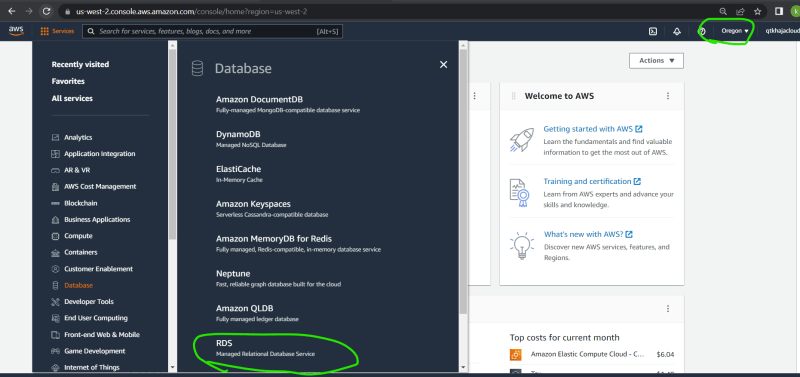
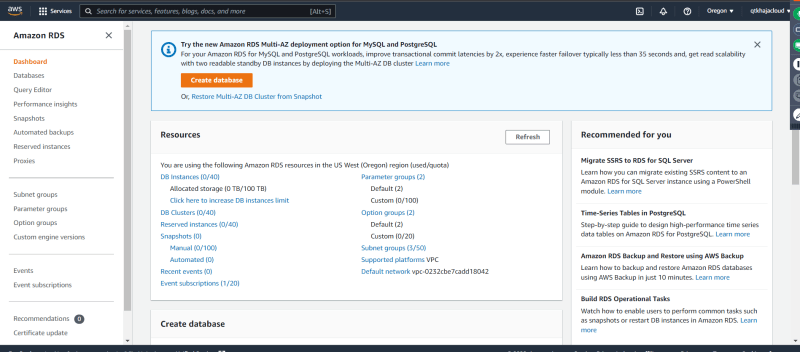
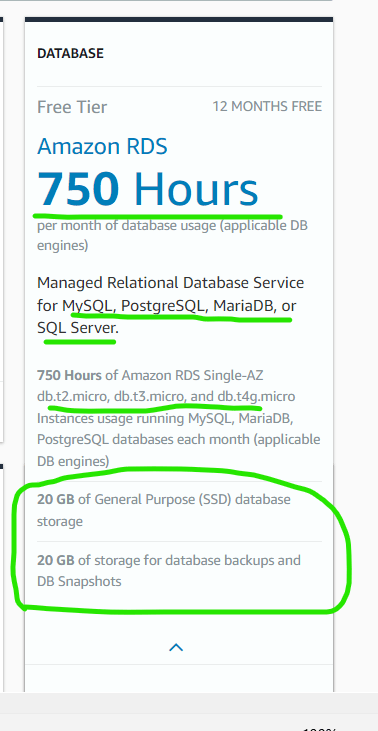
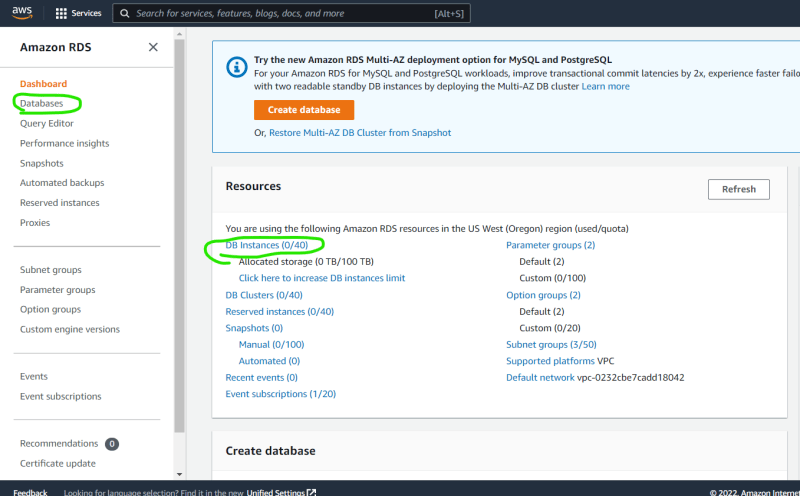
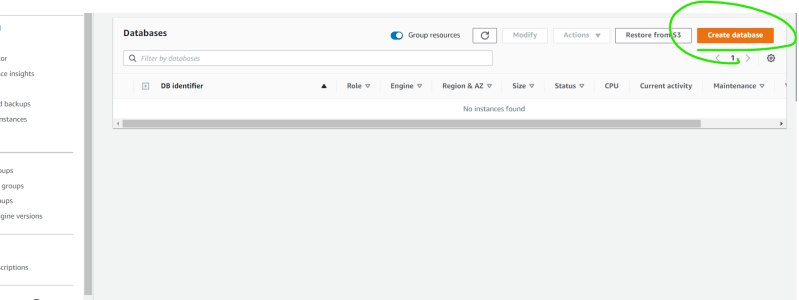
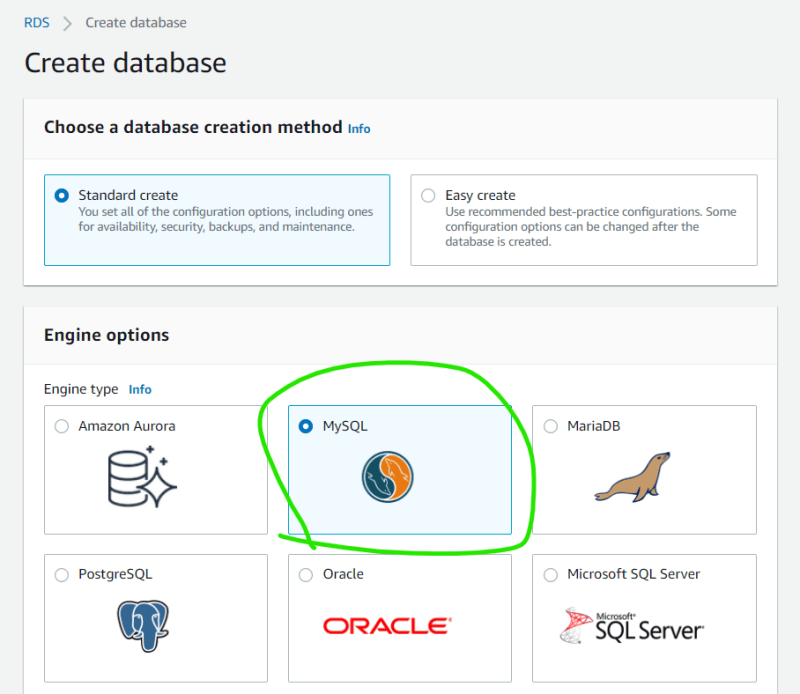
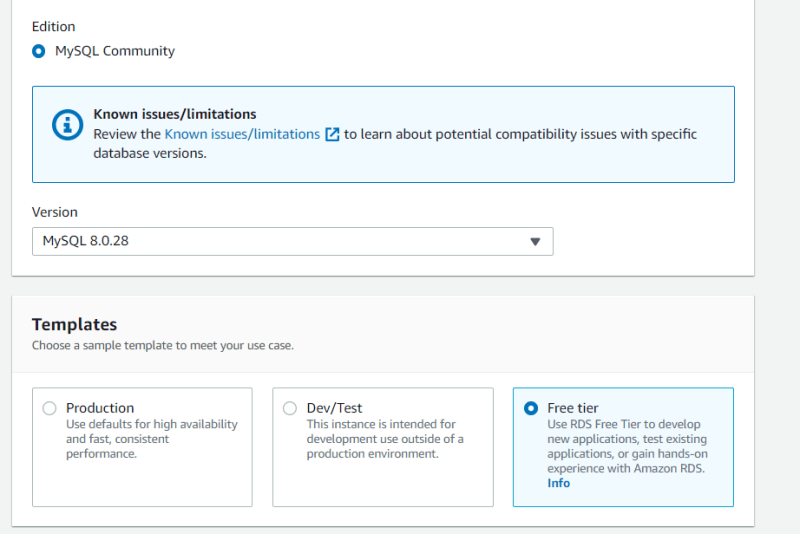
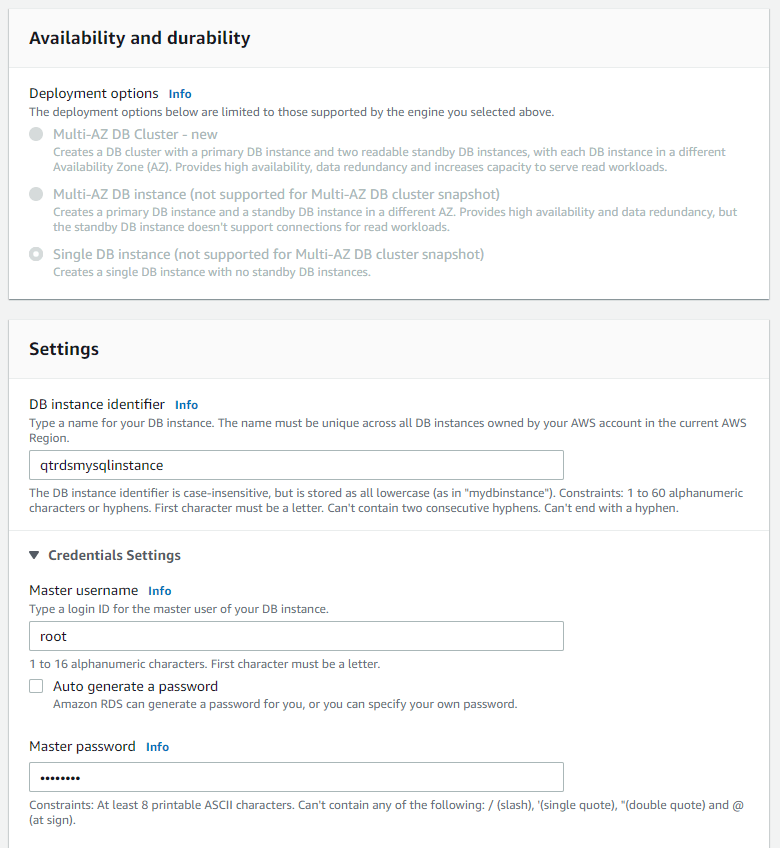
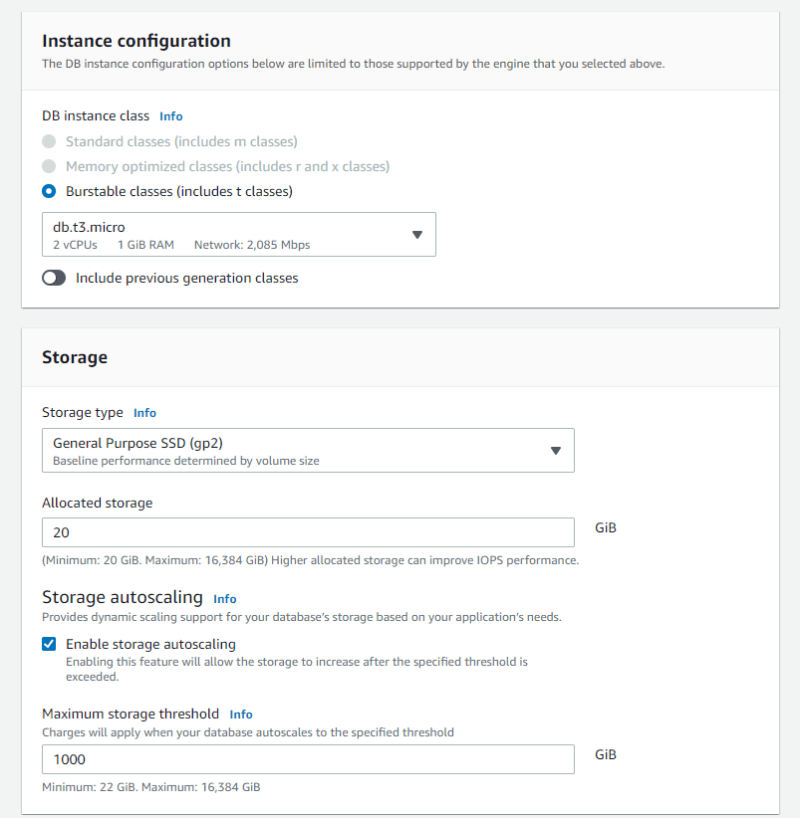
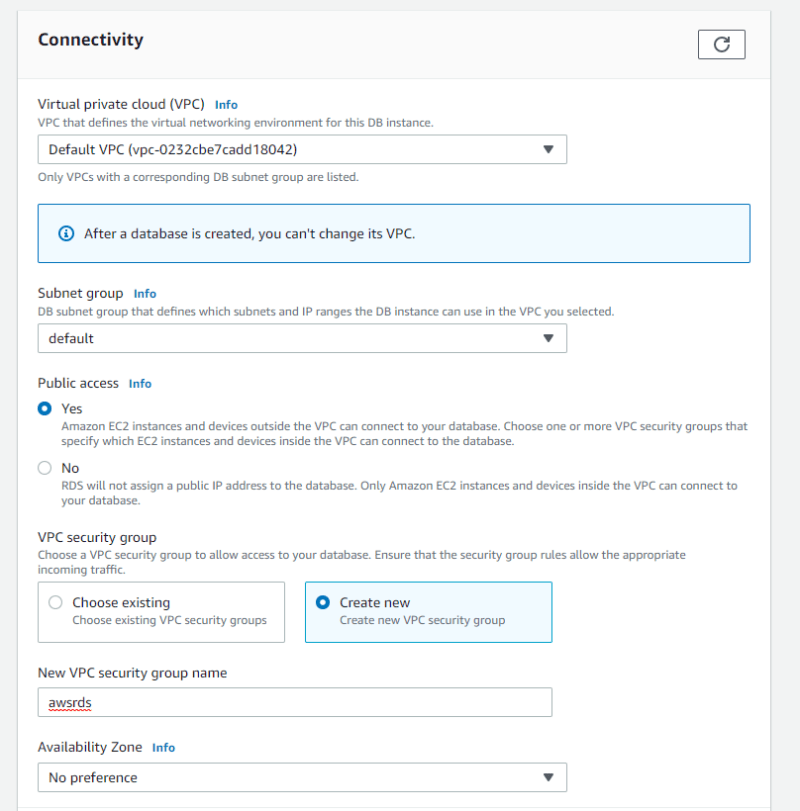
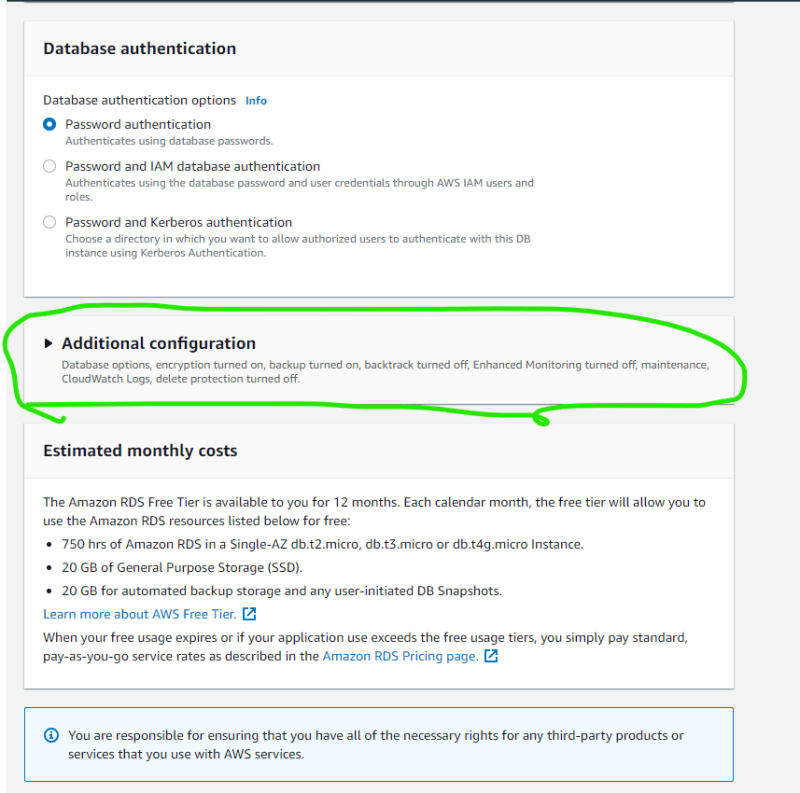
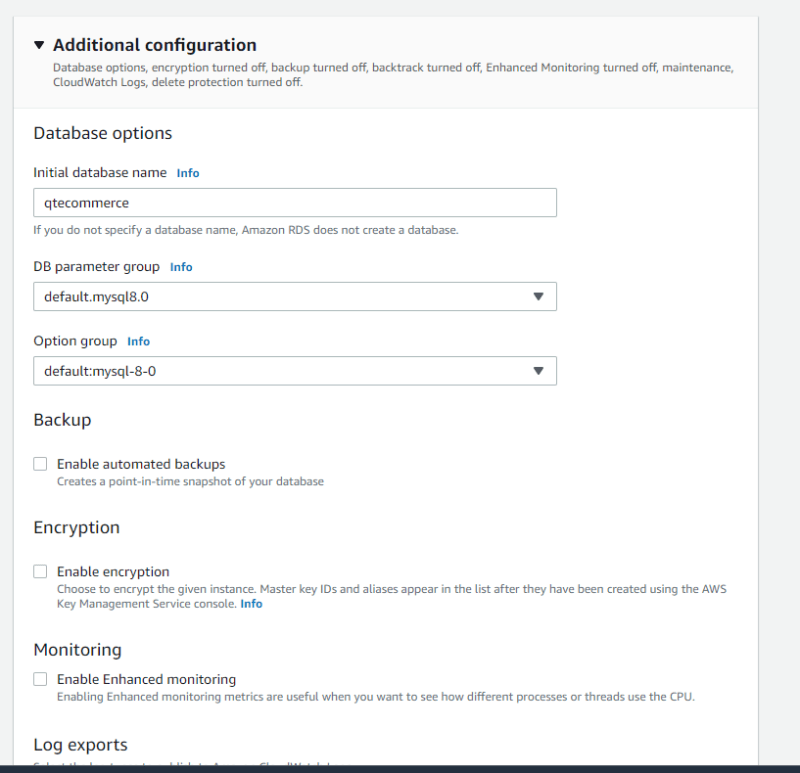
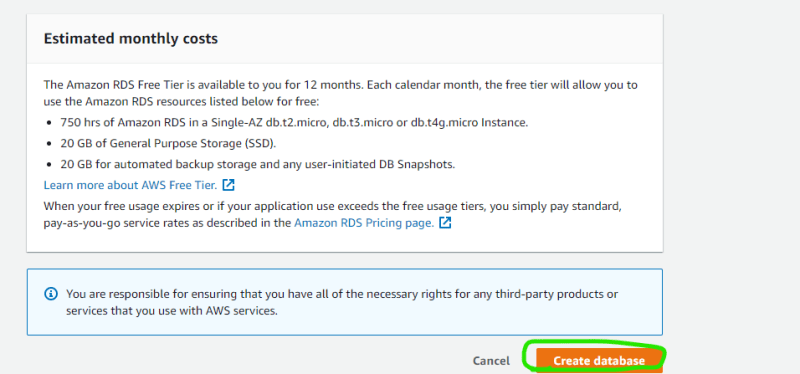
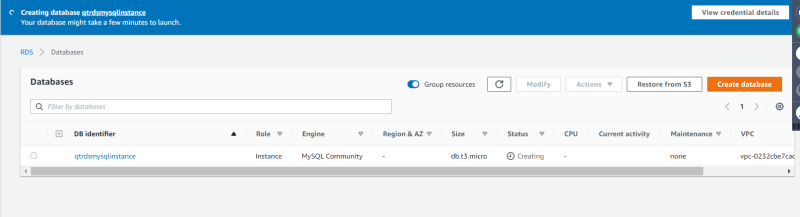
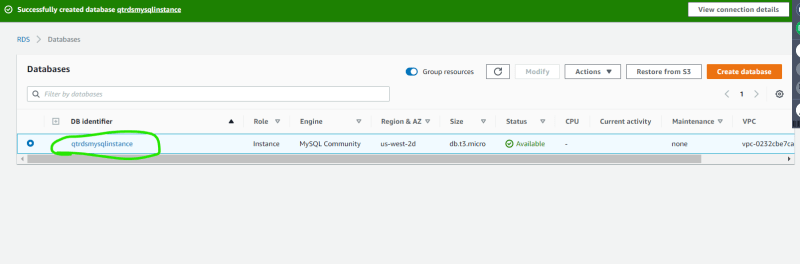
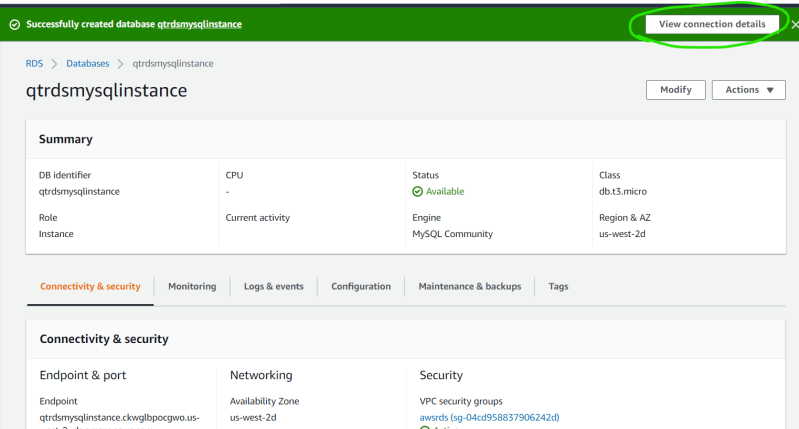
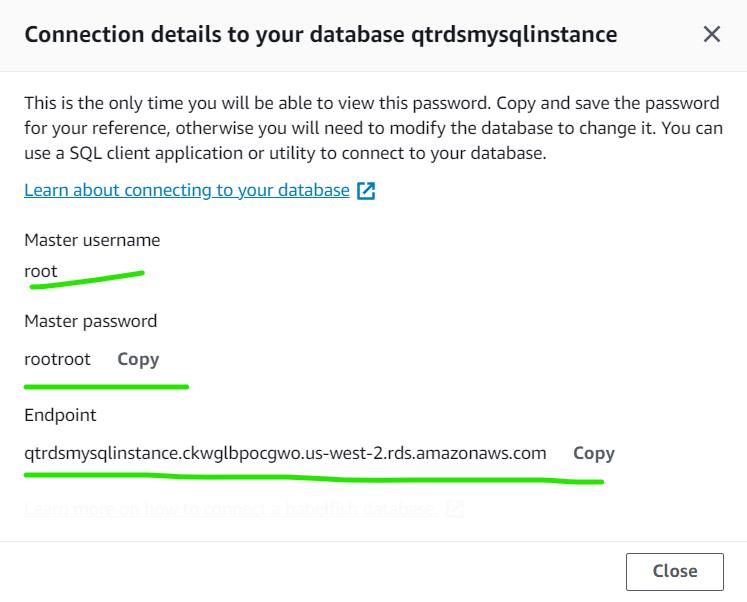
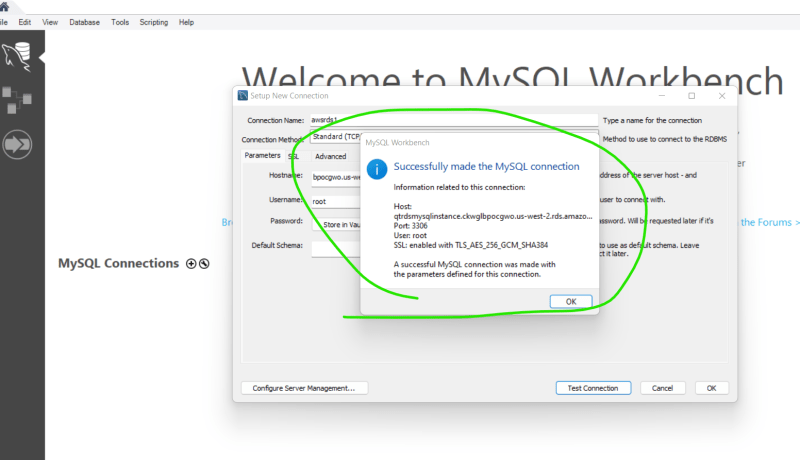
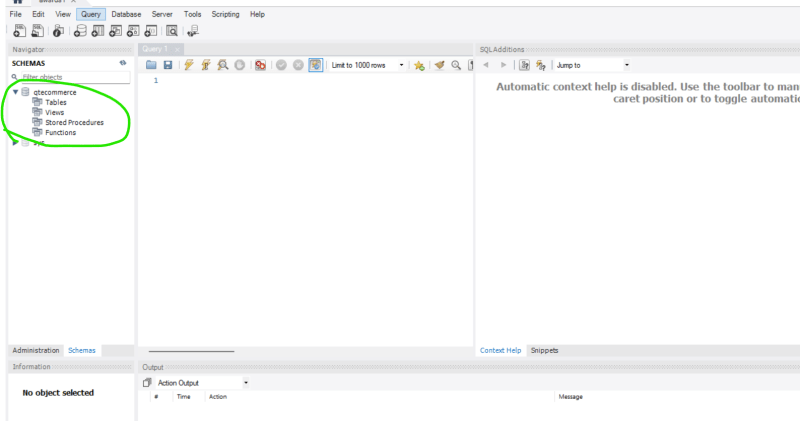
**AWS Relational Databases**

* AWS Supports Relational Databases by a Service called as AWS RDS (Relational Database Service)
* AWS RDS Supports the following Database Engines
  + mysql
  + postgresql
  + oracle
  + Microsoft SQL Server
* Lets Navigate to the RDS  
    
  
* Lets find out what is free w.r.t RDS  
  
* Lets create a free tier eligible mysql database  
    
    
    
    
    
    
    
    
    
    
    
    
    
  
* Now lets navigate to firewall i.e. security group mysql works on port 3306 and open connection from anywhere
* To connect to a database we need db clients or code.
* mysql => mysql workbench [Refer Here](https://dev.mysql.com/downloads/workbench/)
* using mysql workbench connect to the db  
    
  
* Lets create a table and insert some data into it [Refer Here](https://www.sqlshack.com/learn-mysql-add-data-in-tables-using-the-insert-statement/)

use qtecommerce;

create table tblEmployee

(

Employee\_id int auto\_increment primary key,

Employee\_first\_name varchar(500) NOT null,

Employee\_last\_name varchar(500) NOT null,

Employee\_Address varchar(1000),

Employee\_emailID varchar(500),

Employee\_department\_ID int default 9,

Employee\_Joining\_date date

);

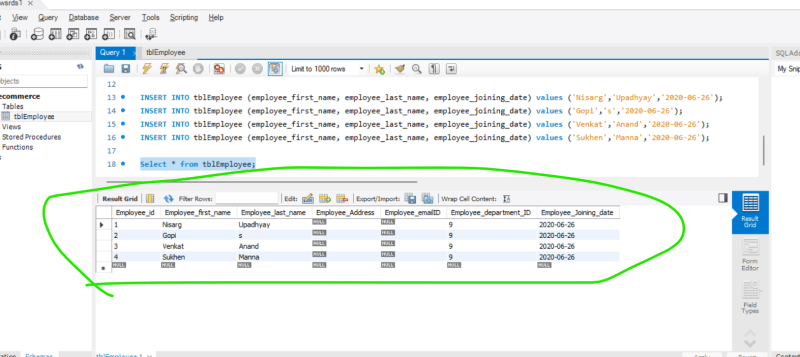
INSERT INTO tblEmployee (employee\_first\_name, employee\_last\_name, employee\_joining\_date) values ('Nisarg','Upadhyay','2020-06-26');

INSERT INTO tblEmployee (employee\_first\_name, employee\_last\_name, employee\_joining\_date) values ('Gopi','s','2020-06-26');

INSERT INTO tblEmployee (employee\_first\_name, employee\_last\_name, employee\_joining\_date) values ('Venkat','Anand','2020-06-26');

INSERT INTO tblEmployee (employee\_first\_name, employee\_last\_name, employee\_joining\_date) values ('Sukhen','Manna','2020-06-26');

Select \* from tblEmployee;



* Configuring Replication for a database is generally done by DBA’s lets see how to do this in AWS RDS  
  