Name: Mohammad Faraz M Khan

Enrollment No. : A70405219039

Course: B.Tech (CSE) Sem-7

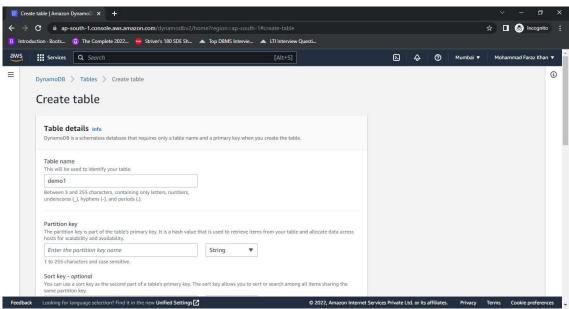
Subject: Cloud Computing Lab

Experiment: 7

Problem Statements:

- 1. Create DynamoDB in AWS.
- 2. Create RDS using MySQL in AWS.
- 3. Connect RDS in AWS through SQL workbench and EC2 Instance.

1. Create DynamoDB in AWS.



Put partition key as id and create the table.

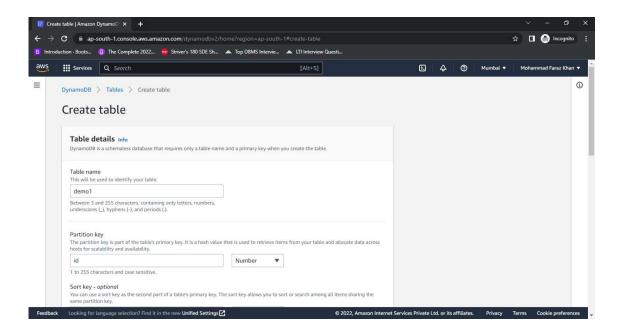
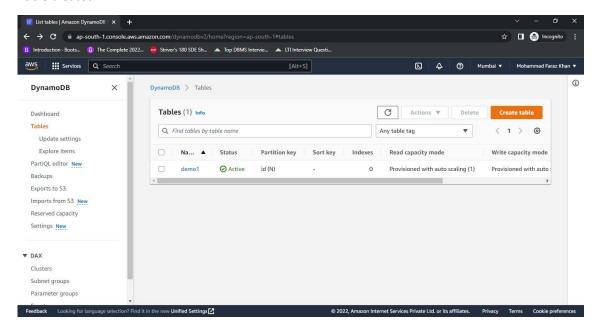
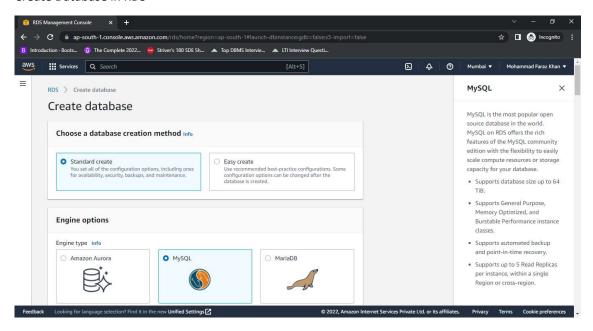


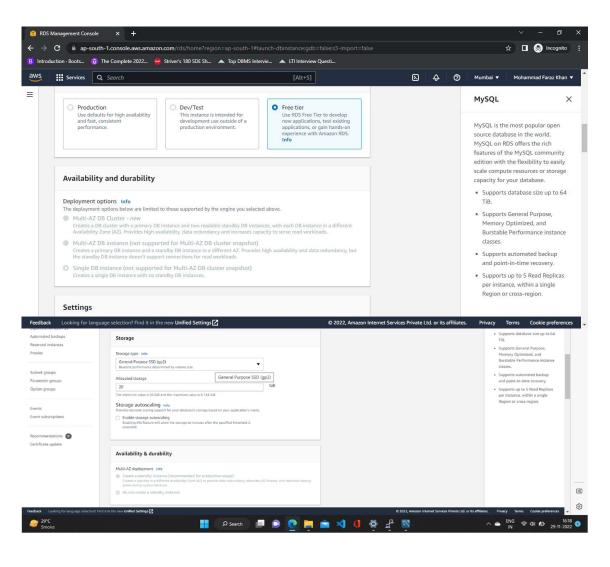
Table created

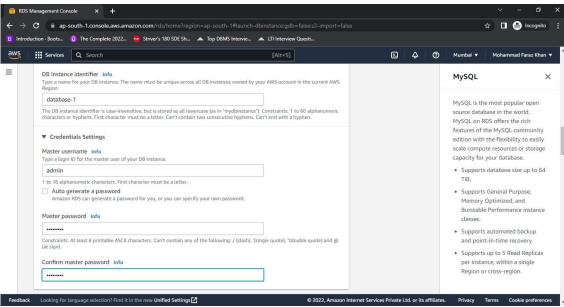


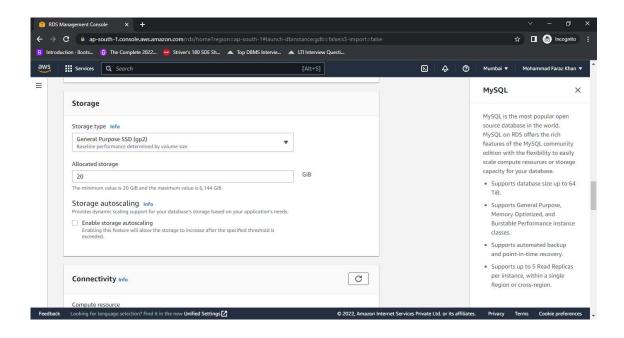
2. Create RDS using MySQL in AWS.

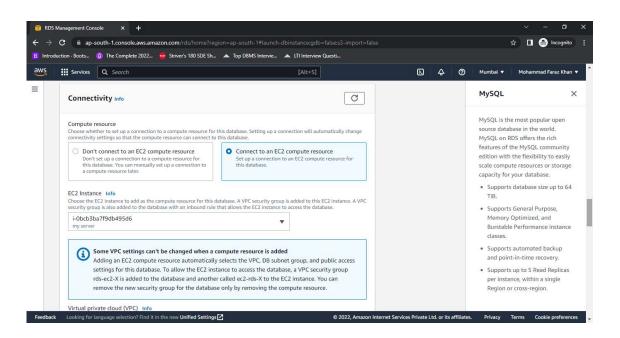
Create Database in RDS

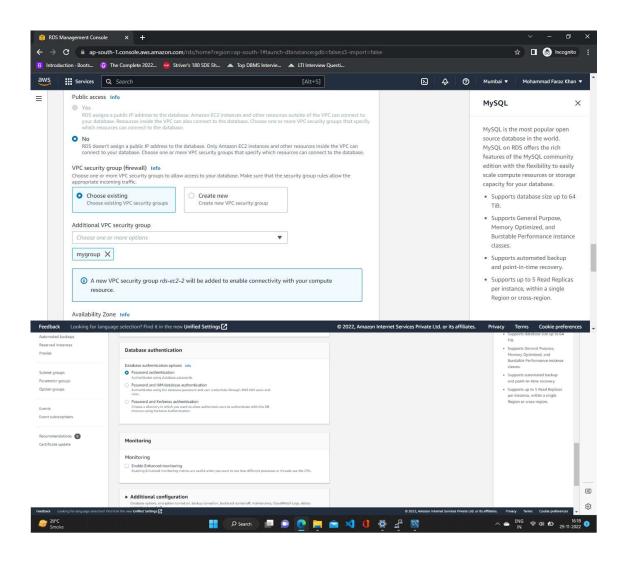


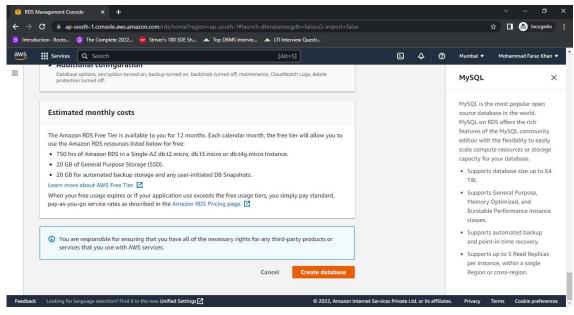


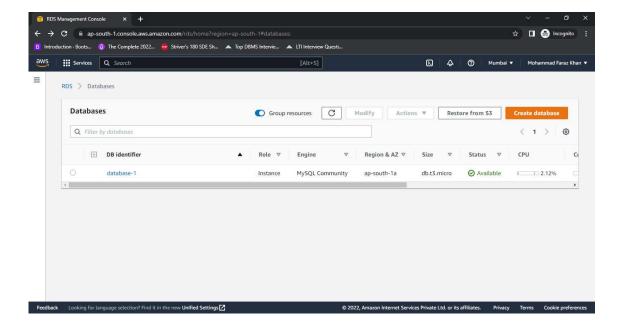






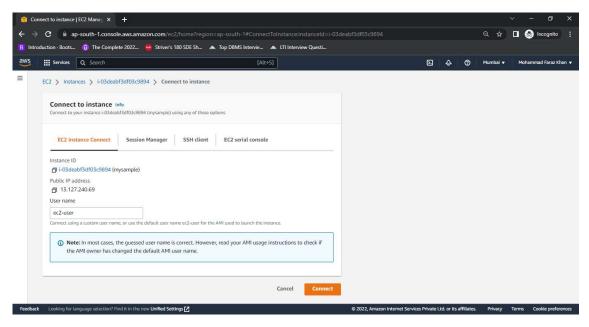


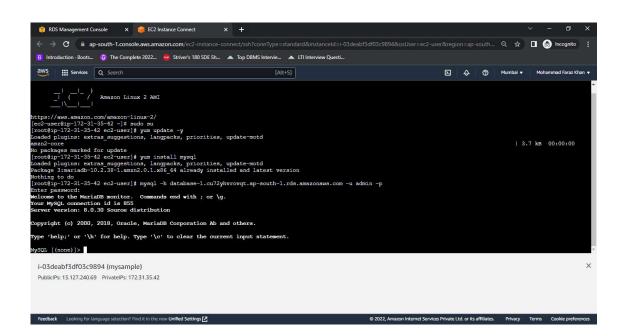




3. Connect RDS in AWS through SQL workbench and EC2 Instance.

A) Connect using EC2





Server version: 8.U.28 Source distribution
SCATCA TOLORION STOTES SOURCE GESTELEMENT
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'belp;' or '\h' for belp. Type '\c' to clear the current input statement.
MySQL [(none)]> Create database University;
Query OK, 1 row affected (0.00 sec)
MySQL [(none)]> show database;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'database' at line 1
MySQL [[none]]> show databases;
Database
- savadasa
University
information schema
mysql
performance schema
393
1 0)20
5 rows in set (0.00 sec)
MYSQL [(none)]>

MySQL [(none)]> show databases;	ō
Database	
++	1
University	
information_schema	
mysql	
performance_schema	
i sys i	
++	4
5 rows in set (0.00 sec)	
MySQL [(none)]> create table University_details(School_id varchar(20) primary key ,School_Name varchar(20),Teaching_Staff int,NonTeaching_staff int,Student int);	
ERROR 1046 (3D000): No database selected	
MySQL [(none)]> use University	
Database changed	
MySQL [University]>	
MySQL [University]> create table University_details(School_id varchar(20) primary key ,School_Name varchar(20),Teaching_Staff int,NonTeaching_staff int,Student int);	
Query OK, 0 rows affected (0.03 sec)	
xysqL [University]>	

```
MySQL [University]> create table School Details(School id varchar(20), Dept_id varchar(20) primary key , Dept_Name varchar(20), School_Name varchar(20), Teaching_Staff int, NonTeaching_staff int, Student int, foreign key (School_id) references University_Details(School_id));

ERROR 1824 (HY000): Failed to open the referenced table 'University_Details'
MySQL [University]> show tables;

| Tables_in_University|
| Tables_in_University|
| Town in set (0.00 sec)

| MySQL [University]> create table School_Details(School_id) references University_details(School_id));
| Query OK, 0 rows affected (0.03 sec)

| MySQL [University]> [Uni
```

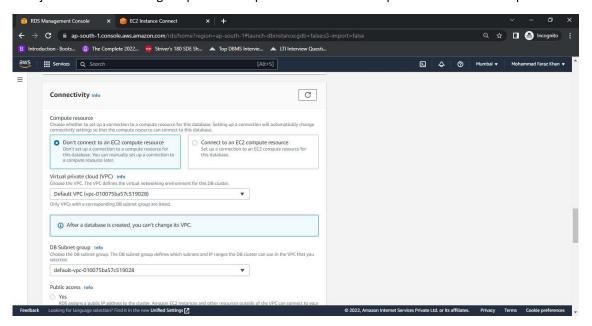
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '/-details(Sc hool_id), foreign Key (Dept_id) references School_Details(Dept_id))' at line 1
MySQL [University]> Create table Student_Details(School_id varchar(20),Dept_id varchar(20),Enrollment_no varchar(20) primary key,Dept_Name varchar(20),Student_Name var char(20),Dept_id varchar(20),Dept_id varchar(20),Dept_id) references University_details(School_id),foreign Key (Dept_id) references School_Details(Dept_id));
Query OK, 0 rows affected (0.04 sec)

wysQL [University]> Create table Student_Details(School_id varchar(20),Dept_id varchar(20),Enrollment_no varchar(20) primary key,Dept_Name varchar(20),Student_Name char(20),Email_id varchar(20),Phone_no int ,foreign key (School_id) references University_details(School_id),foreign Key (Dept_id) references Schootails(School_id);
Query OK, O rows affected (0.04 sec)

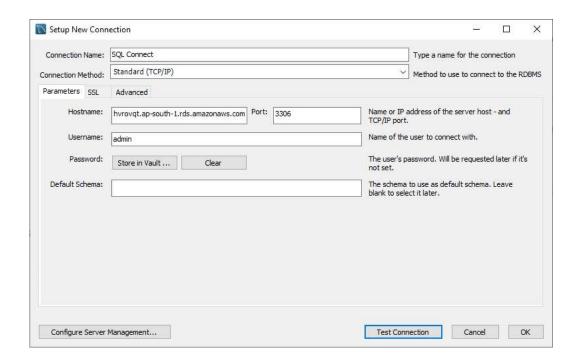


B) Connect using Workbench

now just we need to change in previous step and connect with endpoint of database with password.



Put that all things in workbench and connect database there.



Then result can be given as after connection:

