Creating a student database with two tables in mariadb using AWS RDS

**Aim**:

Exploring the use of RDS service in amazon.

**Required AWS services**:

RDS, EC2

**Procedure:**

1. Create a Linux instance
2. AMI - Rehat linux
3. Instance type- t2.micro
4. Create keypair – create
5. Network setting

i). Subnet- no preference

ii). Auto Assign public ip- enable

iii).create security group

SSH – Myip , HTTP - Anywhere, HTTPS - Anywhere

1. Launch the instance
2. Create database
3. Choose RDS service
4. Click create database - standard create - mysql
5. Free tier
6. Settings

i). DB instance identifier – enter a name

ii). Master user name: enter a name

iii). Master password – enter password

iv). Confirm

1. Click create database
2. once it is created you can view “end point” and port number.
3. Connect with the instance using putty
4. Install mariadb
5. sudo yum install mariadb
6. mysql --version
7. Copy the end point once the db instance is ready
8. paste it in putty after mysql -h endpoint -P 3306 sample -p

Ex: mysql -h endpoint -P 3306 -u username -p

1. Execute SQL commands

Reference : https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_ConnectToInstance.html