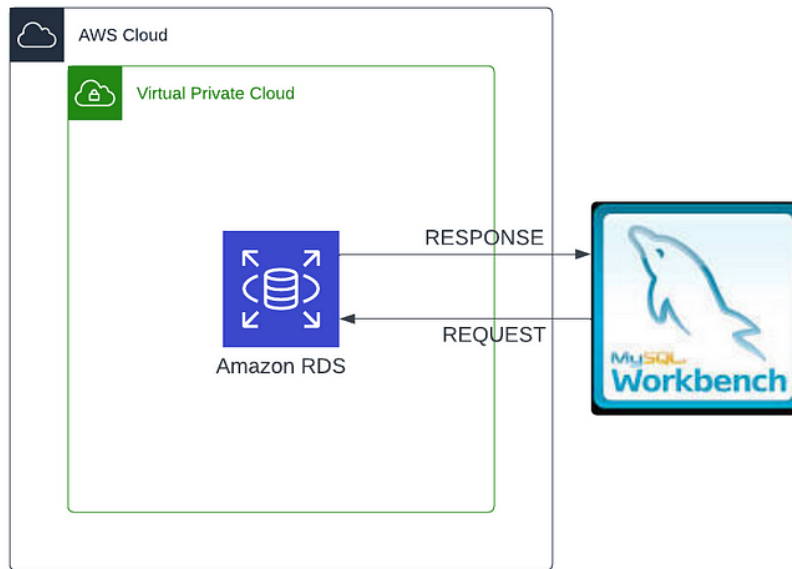# Program-5

Create RDS Server and connect using MySql Workbench

To Install MySQL Workbench (Client) on your PC

New tab in browser → google → MySQL workbench → download → choose based on OS

To create Database in RDS service

Login→ Search RDS →RDS → On left side menu→ Databases → Create Database → Choose Standard Create → In engine Option select MySQL database → Edition → MySQL community →8.0.32 → templates → Free tier → Specify DB instance name→ Specify master User name → password → Storage and Connectivity (leave default) → Public access (Yes) → availability zone (No preference) → Create Database

Getting the details of the database created

Click on the Id of the database created → Note down the End-points and ports

To Connect with MySQL Workbench

Copy Endpoint → Open MySQL workbench on the PC → On MySQL connections click on + symbol → specify connection name → Host name → past the Endpoint → Root specify Master user name → password → Click on test Connection

If gets Connectivity error

Go to AWS console → Connectivity & Security → VPC Security group → click on default → Inbound rules → Edit Inbound rules → Add rule → All traffic →Custom → Choose Any where IPV4 → Save rules → Go to MySQL workbench → Test Connection → Ok

To Use database and SQL queries

Click on the Connection created → Open the command line and Execute SQL commands

Perform CRUD operation on Student Database

Reference video : https://www.youtube.com/watch?v=qk7PZ2WpLEo