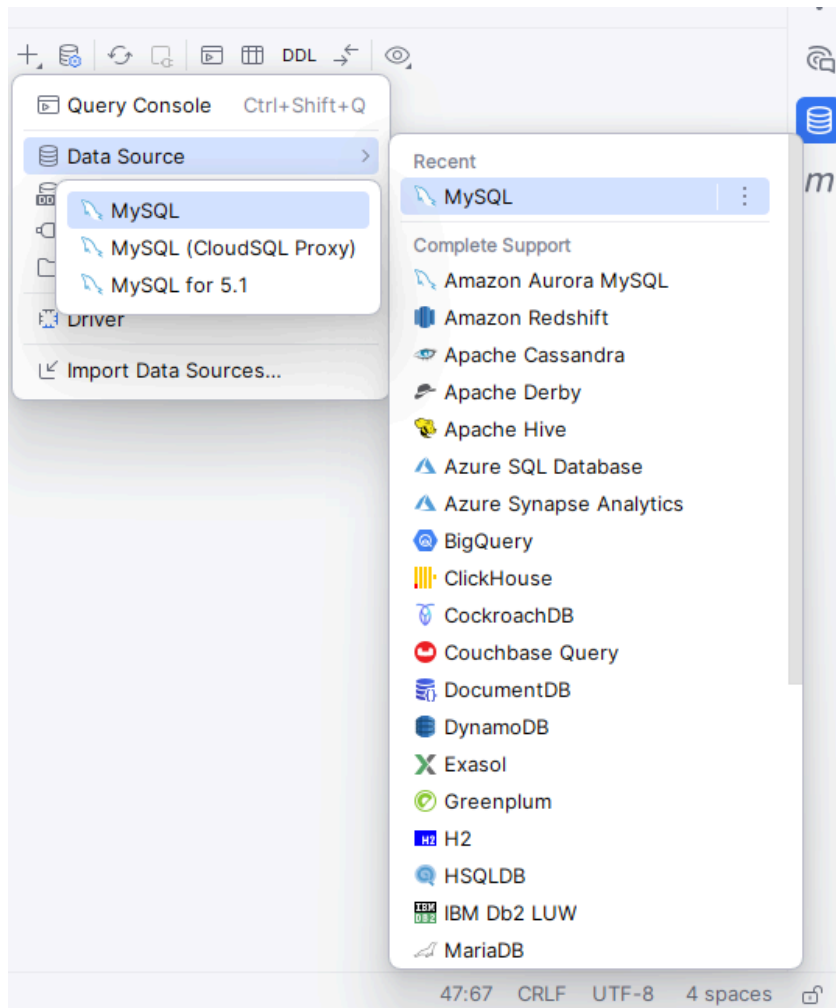
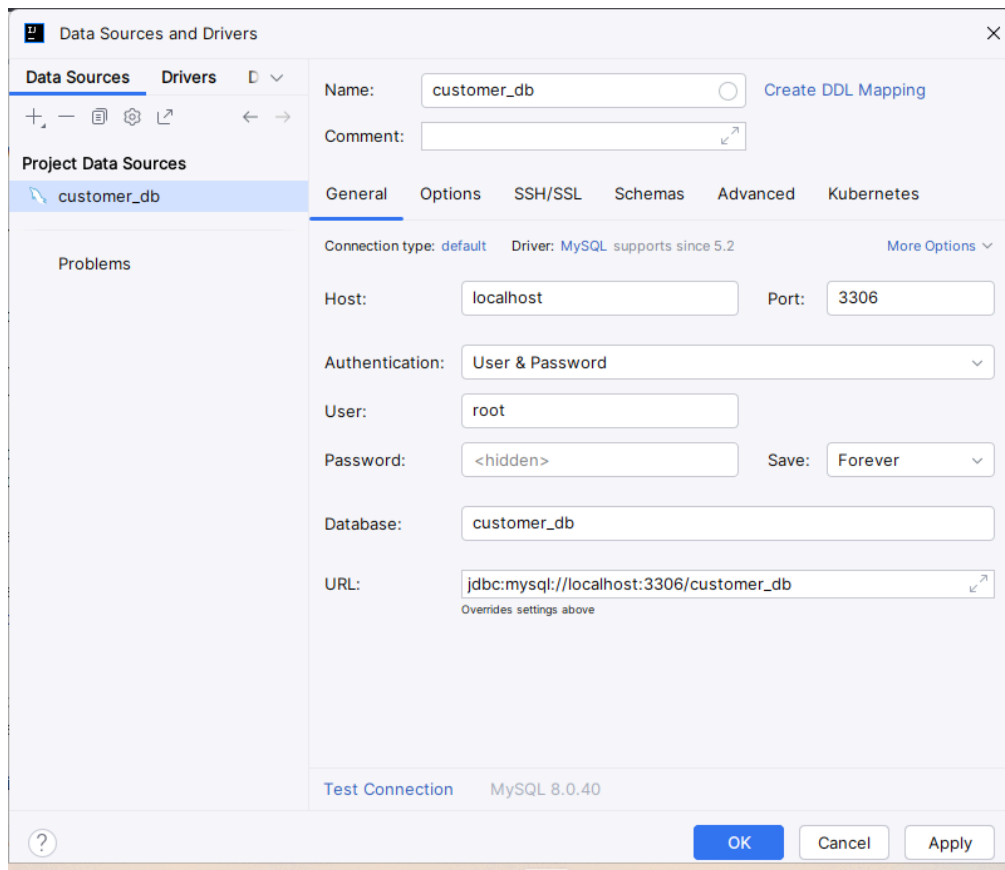


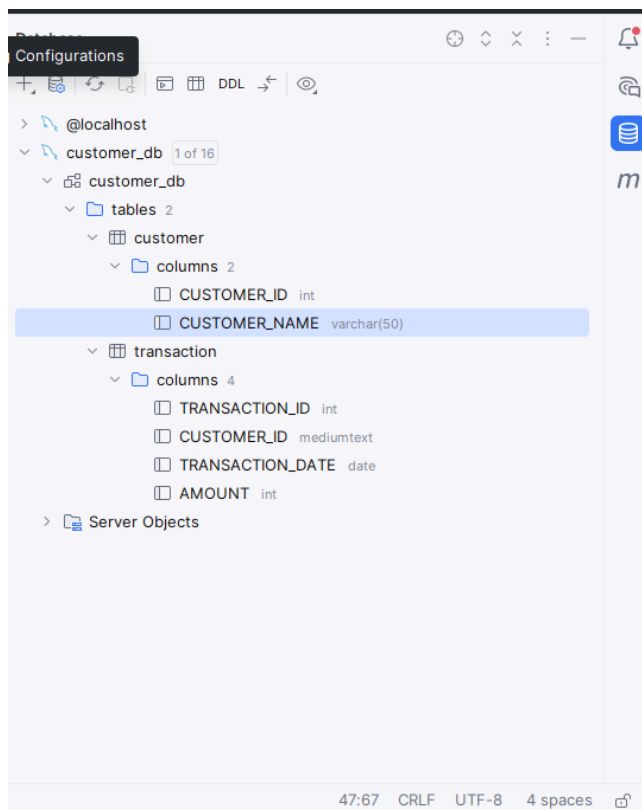
1. Open the project in IntelliJ ide
2. Enable Maven auto-import and select Java 1.8 as SDK
3. Once import is done open database window and select MySQL



4. Please change the configuration as mentioned in picture.
5. Username and password , make sure it matches application.properties file
6. Now execute and run the sql script from src/main/resources/script.sql



7. Please check the public schema if tables are created



- Once tables are created please run RewardsEstimator.java application from `java/com/retailer/rewards`
- Open postman or any similar api testing application and test

<https://localhost:8080/customers/1001/rewards>

<https://localhost:8080/customers/1002/rewards>

<https://localhost:8080/customers/1003/rewards>

<https://localhost:8080/customers/1004/rewards>

The first screenshot shows a GET request to `http://localhost:8080/customers/1001/rewards` with a 200 OK status. The response body is a JSON object:

```
{
  "customerName": "Kriti Sen",
  "monthlyRewards": [
    {
      "month": "April",
      "totalPoints": 120,
      "transactions": [
        {
          "transactionId": 10003,
          "amount": 135,
          "rewardPoints": 120
        }
      ]
    },
    {
      "month": "May",
      "totalPoints": 100360,
      "transactions": [
        {
          "transactionId": 10002,
          "amount": 190,
          "rewardPoints": 230
        }
      ]
    }
  ]
}
```

The second screenshot shows a GET request to `http://localhost:8080/customers/1001/rewards` with a 200 OK status. The response body is a JSON object:

```
{
  "customerName": "Kriti Sen",
  "monthlyRewards": [
    {
      "month": "May",
      "totalPoints": 100360,
      "transactions": [
        {
          "transactionId": 10002,
          "amount": 190,
          "rewardPoints": 230
        },
        {
          "transactionId": 10003,
          "amount": 50,
          "rewardPoints": 0
        },
        {
          "transactionId": 10009,
          "amount": 50000,
          "rewardPoints": 99850
        },
        {
          "transactionId": 10005,
          "amount": 100,
          "rewardPoints": 100
        }
      ]
    }
  ]
}
```

GET

http://localhost:8080/customers/1001/rewards

Send

ParamsAuthorizationHeaders (6)BodyScriptsSettings

BodyCookiesHeaders (5)Test Results

200 OK628 ms913 B

{ } JSON

PreviewVisualize

```
47     "month": "June",
48     "totalPoints": 470,
49     "transactions": [
50         {
51             "transactionId": 10001,
52             "amount": 90,
53             "rewardPoints": 40
54         },
55         {
56             "transactionId": 10010,
57             "amount": 0,
58             "rewardPoints": 0
59         },
60         {
61             "transactionId": 10004,
62             "amount": 290,
63             "rewardPoints": 430
64         }
65     ]
66 },
67 ],
68 "totalRewardPoints": 100950
```