CONNECTION : SQLITE DATABASE


```java
package sqlitejdbc;
import java.sql.*;
public class SqliteDBConnection {
    public static void main(String args[])
    {
        try
        {
            Connection con=null;
            Class.forName("org.sqlite.JDBC");
            System.out.println("Class Loaded");
            con = DriverManager.getConnection("jdbc:sqlite:mulejdbc.db");
            System.out.println("Connection Established");
        }
        catch(Exception e)
        {
            System.out.println(e);
        }
    }
}
```

```
<terminated> SqliteDBConnection [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:31:18 AM)
Class Loaded
Connection Established
```

CREATE TABLE : MOVIE_TB


```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;

public class CreateTable {

    public static void main(String args[])
    {
        try
        {
            Connection con=null;
            Class.forName("org.sqlite.JDBC");
            System.out.println("Class Loaded");
            con = DriverManager.getConnection("jdbc:sqlite:mulejdbc.db");
            System.out.println("Connection Established");

            Statement stmt=con.createStatement();
            String qry="create table movie_tb(mid int primary key not null,"
                    + "mname varchar(30) not null,"
                    + "theatrename varchar(30) not null,"
```

```
<terminated> CreateTable [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (03-Nov-2021, 10:47:10 PM)
Class Loaded
Connection Established
Table Created
```
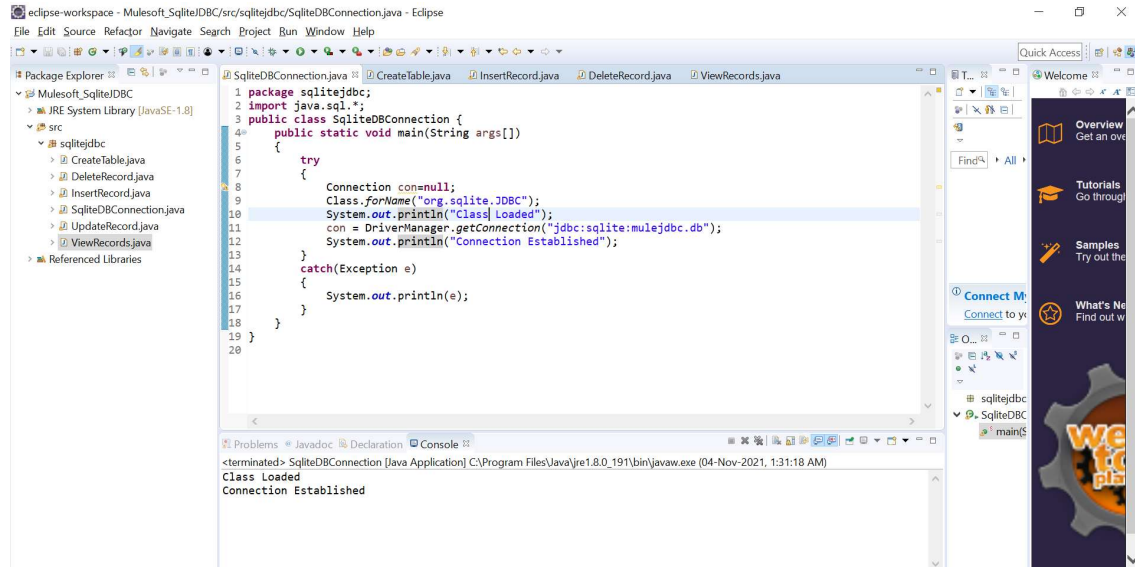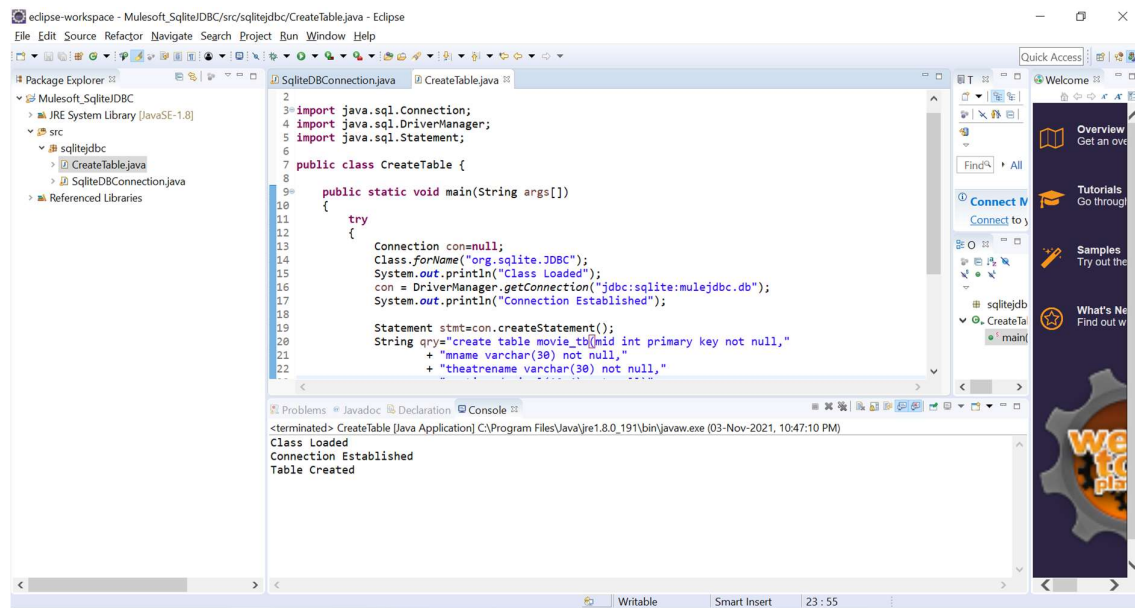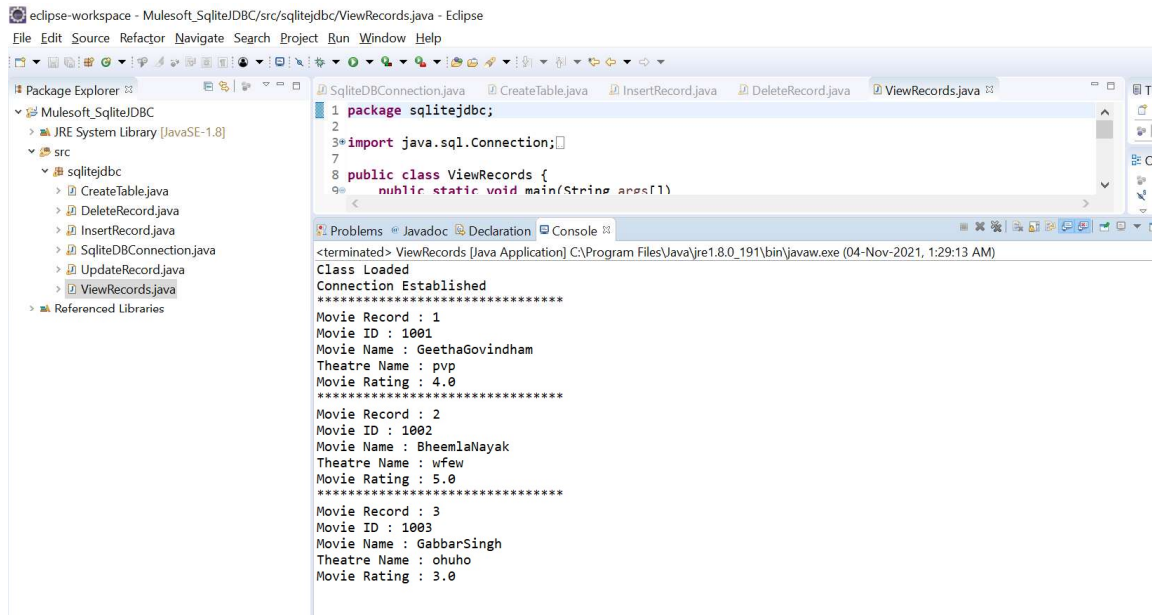
INSERT RECORDS :

```
Problems  @ Javadoc  Declaration  Console
<terminated> InsertRecord [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:26:40 AM)
Class Loaded
Connection Established
Enter Movie ID :
1001
Enter Movie Name :
GeethaGovindham
Enter Theatre Name :
pvp
Enter Movie Rating :
4
Record is Inserted
```

```
Problems  @ Javadoc  Declaration  Console
<terminated> InsertRecord [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:27:20 AM)
Class Loaded
Connection Established
Enter Movie ID :
1002
Enter Movie Name :
BheemlaNayak
Enter Theatre Name :
wfew
Enter Movie Rating :
5
Record is Inserted
```

```
Problems  @ Javadoc  Declaration  Console
<terminated> InsertRecord [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:28:00 AM)
Class Loaded
Connection Established
Enter Movie ID :
1003
Enter Movie Name :
GabbarSingh
Enter Theatre Name :
ohuho
Enter Movie Rating :
3
Record is Inserted
```

```
C:\WINDOWS\system32\cmd.exe - sqlite3  C:\Users\JANU\eclipse-workspace\Mulesoft_SqliteJDBC\mulejdbc.db
sqlite> .schema movie_tb
CREATE TABLE movie_tb(mid int primary key not null,mname varchar(30) not null,theatrename varchar(30) not null,mrating decimal(10,4) not null);
sqlite> select * from movie_tb;
1001|GeethaGovindham|pvp|4
1002|BheemlaNayak|wfew|5
1003|GabbarSingh|ohuho|3
sqlite>
```
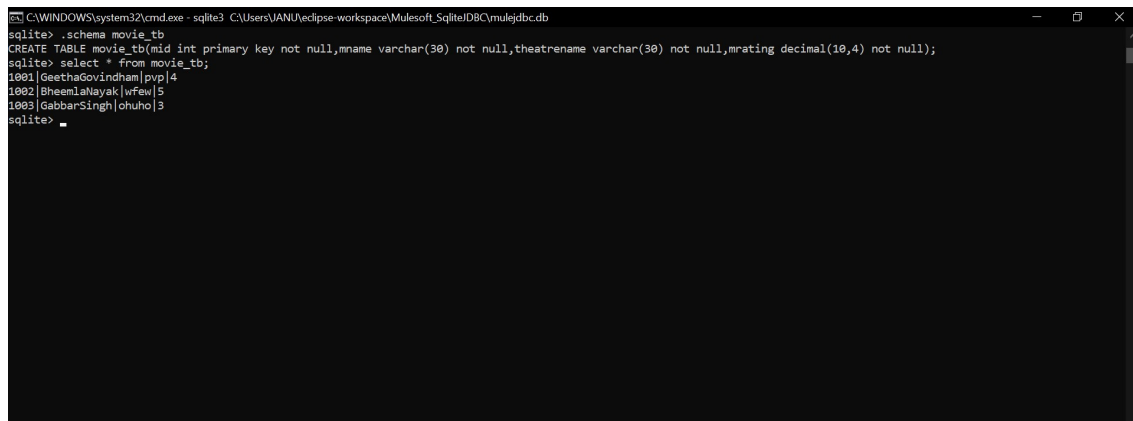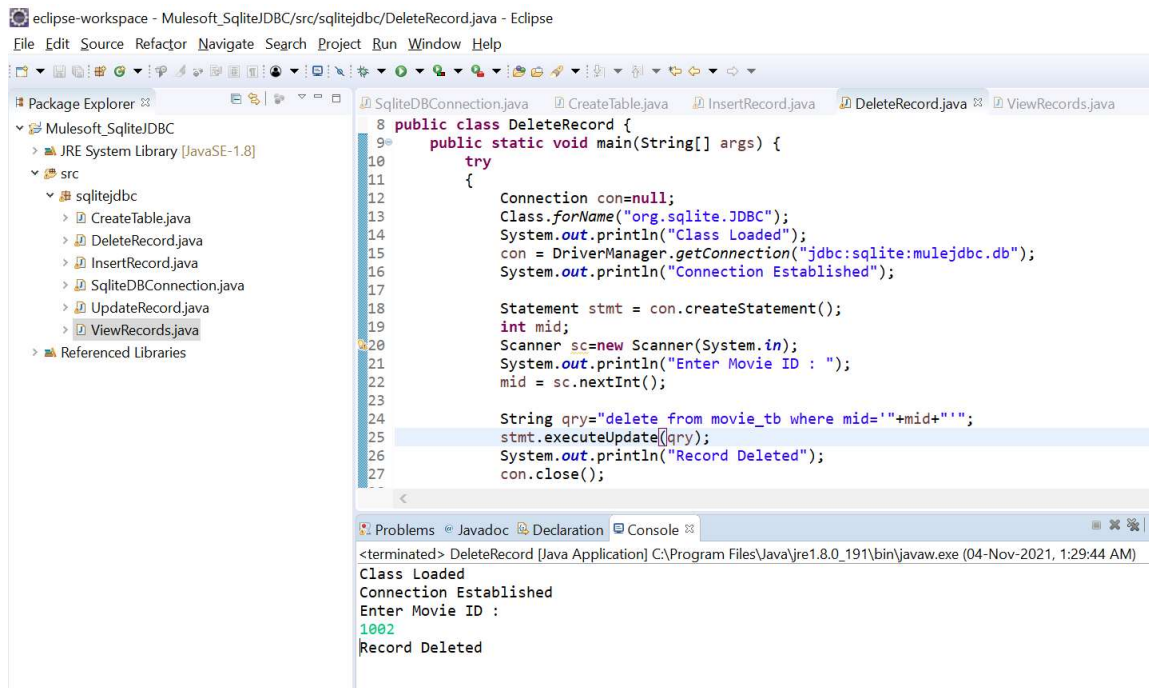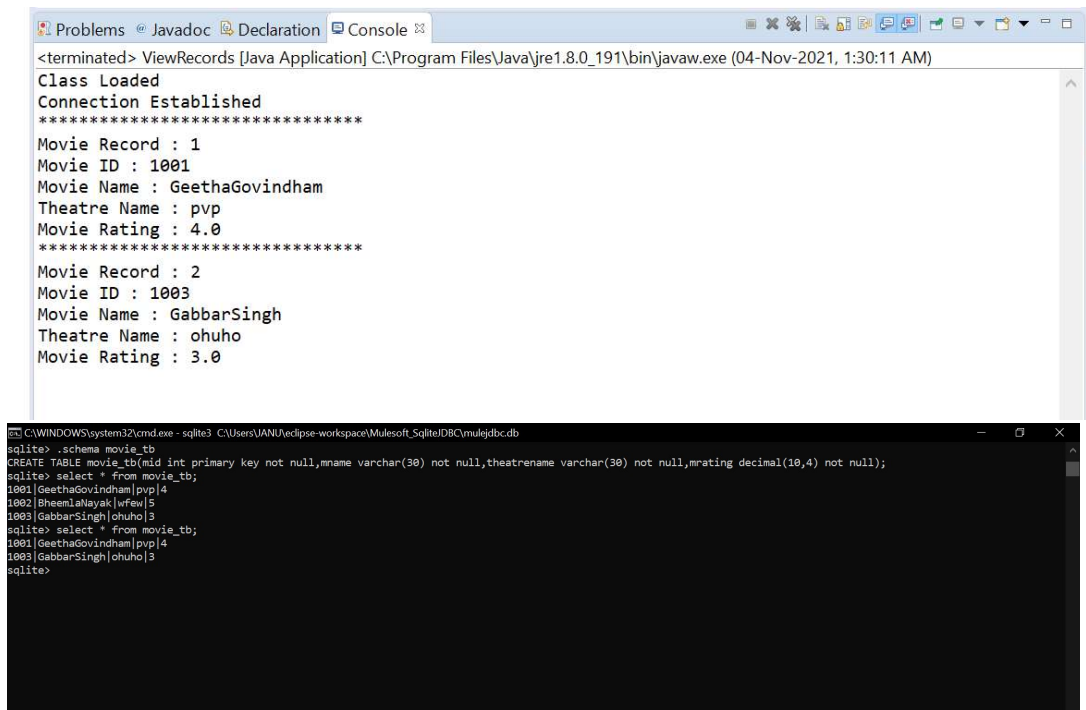
VIEW RECORDS :

DELETE RECORD :

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Mulesoft_SqliteJDBC
  - JRE System Library [JavaSE-1.8]
  - src
    - sqlitejdbc
      - CreateTable.java
      - DeleteRecord.java
      - InsertRecord.java
      - SqliteDBConnection.java
      - UpdateRecord.java
      - ViewRecords.java
  - Referenced Libraries

SqliteDBConnection.java   CreateTable.java   InsertRecord.java   DeleteRecord.java   ViewRecords.java

```java
8  public class DeleteRecord {
9      public static void main(String[] args) {
10         try
11         {
12             Connection con=null;
13             Class.forName("org.sqlite.JDBC");
14             System.out.println("Class Loaded");
15             con = DriverManager.getConnection("jdbc:sqlite:mulejdbc.db");
16             System.out.println("Connection Established");
17
18             Statement stmt = con.createStatement();
19             int mid;
20             Scanner sc=new Scanner(System.in);
21             System.out.println("Enter Movie ID : ");
22             mid = sc.nextInt();
23
24             String qry="delete from movie_tb where mid='"+mid+"'";
25             stmt.executeUpdate(qry);
26             System.out.println("Record Deleted");
27             con.close();
```

Problems @ Javadoc Declaration Console

```
<terminated> DeleteRecord [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:29:44 AM)
Class Loaded
Connection Established
Enter Movie ID :
1002
Record Deleted
```

Problems @ Javadoc Declaration Console

```
<terminated> ViewRecords [Java Application] C:\Program Files\Java\jre1.8.0_191\bin\javaw.exe (04-Nov-2021, 1:30:11 AM)
Class Loaded
Connection Established
*******************************
Movie Record : 1
Movie ID : 1001
Movie Name : GeethaGovindham
Theatre Name : pvp
Movie Rating : 4.0
*******************************
Movie Record : 2
Movie ID : 1003
Movie Name : GabbarSingh
Theatre Name : ohuho
Movie Rating : 3.0
```

```
C:\WINDOWS\system32\cmd.exe - sqlite3  C:\Users\JANU\eclipse-workspace\Mulesoft_SqliteJDBC\mulejdbc.db
sqlite> .schema movie_tb
CREATE TABLE movie_tb(mid int primary key not null,mname varchar(30) not null,theatrename varchar(30) not null,mrating decimal(10,4) not null);
sqlite> select * from movie_tb;
1001|GeethaGovindham|pvp|4
1002|BheemlaNayak|wfew|5
1003|GabbarSingh|ohuho|3
sqlite> select * from movie_tb;
1001|GeethaGovindham|pvp|4
1003|GabbarSingh|ohuho|3
sqlite>
```