**Connect to the SQLite database**

package net.sqlitetutorial;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class Connect {

//Connect to a sample database

public static void connect() {

Connection conn = null;

try {

// db parameters

String url = "jdbc:sqlite:C:/sqlite/db/rishi.db";

// create a connection to the database

conn = DriverManager.getConnection(url);

System.out.println("Connection to SQLite has been established.");

} catch (SQLException e) {

System.out.println(e.getMessage());

} finally {

try {

if (conn != null) {

conn.close();

}

} catch (SQLException ex) {

System.out.println(ex.getMessage());

}

}

}

public static void main(String[] args) {

connect();

}

}

**Creating a new table (Movies)**

package net.sqlitetutorial;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

import java.sql.Statement;

public class Main {

//Create a new table in the test database

public static void createNewTable() {

// SQLite connection string

String url = "jdbc:sqlite:C://sqlite/db/tests.db";

// SQL statement for creating a new table

String sql = "CREATE TABLE IF NOT EXISTS movies (\n"

+ " name text NOT NULL,\n”

+ “ actor text NOT NULL,\n”

+ “ actress text NOT NULL,\n”

+ “ director text NOT NULL,\n”

+ “ year of release integer\n”);";

try (Connection conn = DriverManager.getConnection(url);

Statement stmt = conn.createStatement()) {

// create a new table

stmt.execute(sql);

} catch (SQLException e) {

System.out.println(e.getMessage());

}

}

public static void main(String[] args)

{

createNewTable();

}

}

**Inserting data into Movies table**

package net.sqlitetutorial;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

public class InsertApp {

//Connect to the test.db database

//return the Connection object

private Connection connect() {

// SQLite connection string

String url = "jdbc:sqlite:C://sqlite/db/test.db";

Connection conn = null;

try {

conn = DriverManager.getConnection(url);

} catch (SQLException e) {

System.out.println(e.getMessage());

}

return conn;

}

//Insert a new row into the movies table

public void insert(String name, String actor, String actress, String director, Integer year of release)

{

String sql = "INSERT INTO movies(name,actor,actress,director,year of release) VALUES(?,?,?,?,?)";

try (Connection conn = this.connect();

PreparedStatement pstmt = conn.prepareStatement(sql)) {

pstmt.setString(1, name);

pstmt.setString(2, actor);

pstmt.setString(3, actress);

pstmt.setString(4, director);

pstmt.setInteger(5, year of release);

pstmt.executeUpdate();

} catch (SQLException e) {

System.out.println(e.getMessage());

}

}

public static void main(String[] args)

{

InsertApp app = new InsertApp();

// insert three new rows

app.insert("Superman vs Batman",” Ben Affleck”, “Amy Adams”,” Zack Snyder”,25-03-2016);

app.insert("Deadpool",” Ryan Reynolds”,“ Morena Baccarin ”,”Tim Miller”, 2016-02-12);

app.insert("PK",”  Aamir Khan”,“ Anushka Sharma”,” Rajkumar Hirani”, 2014-12-19);

}

}

**Querying data from Movies table** with or without parameters

SELECT \* FROM MOVIES’;

SELECT NAME FROM MOVIES WHERE ACTOR = ”AAMIR KHAN” ;