

```

import java.sql.*;

public class Assignment2 {

    public static void main(String[] args) throws SQLException
    {
        String name, pass, url;
        Connection con = null;
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            url = "jdbc:mysql://localhost:3306/te1db";
            name = "root";
            pass = "mysql";
            con = DriverManager.getConnection(url, name, pass);
            Statement stmt = con.createStatement();
            ResultSet rs = stmt.executeQuery("SELECT * FROM boo
k");

            // while ( rs.next() ){
            // System.out.printf("%s %-20s %d %2d %2d
            // %s\n",rs.getString(1),rs.getString(2),rs.getInt(
            3),rs.getInt(4),rs.getInt(5),rs.getDate(6));
            // }
            stmt.executeUpdate("CREATE TABLE movie(movie_num in
t, movie_title varchar(20))");
            System.out.println("Table Created");
            stmt.executeUpdate("insert into movie values(1,'The
Revenant')");
            stmt.executeUpdate("insert into movie values(2,'Lor
d of the Rings')");
            rs = stmt.executeQuery("select * from movie");
            while (rs.next()) {
                System.out.printf("%2d %s\n", rs.getInt(1), rs.
getString(2));
            }
            stmt.executeUpdate("alter table movie rename to mov
iestable");
            System.out.println("Table Renamed from movie to mov
iestable");
            stmt.executeUpdate("truncate table moviestable");

```

```

        rs = stmt.executeQuery("select * from moviestable")
;
        while (rs.next()) {
            System.out.printf("%2d %s\n", rs.getInt(1), rs.
getString(2));
        }
        System.out.println("Table Truncated");
        stmt.executeUpdate("insert into moviestable values(
21,'21 Jump Street')");
        stmt.executeUpdate("insert into moviestable values(
22,'22 Jump Street')");
        rs = stmt.executeQuery("select * from moviestable")
;
        while (rs.next()) {
            System.out.printf("%2d %s\n", rs.getInt(1), rs.
getString(2));
        }
        stmt.executeUpdate("drop table moviestable");
        System.out.println("Table Dropped");

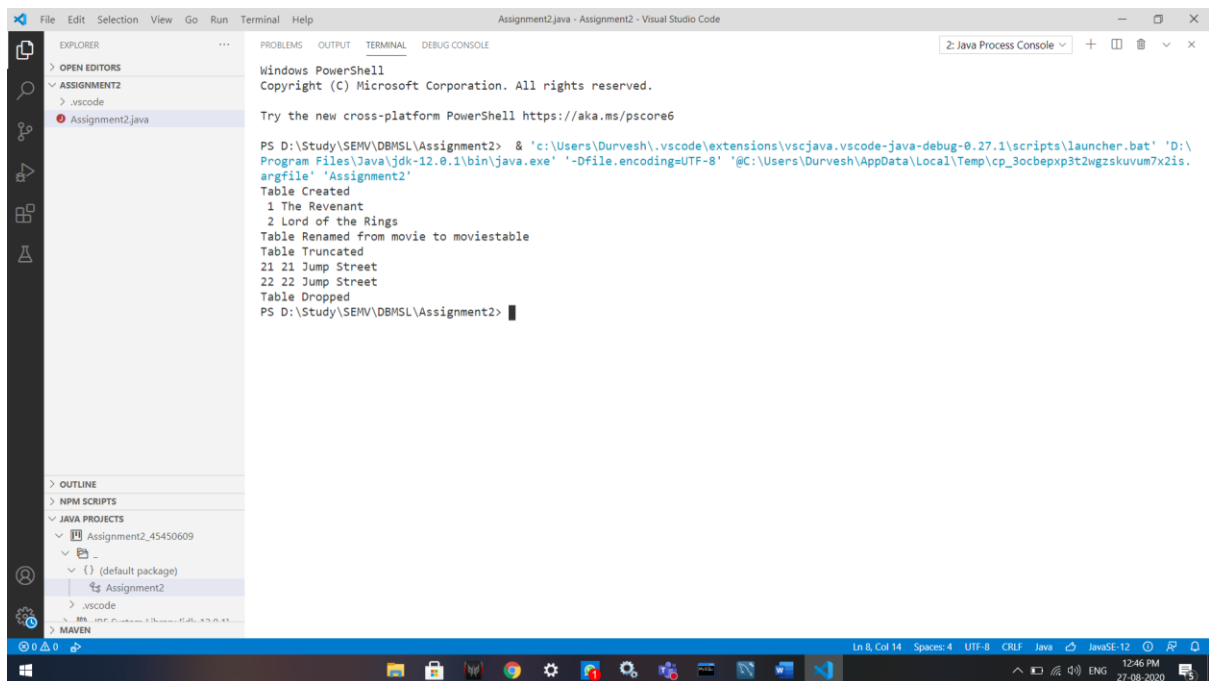
        stmt.close();
        rs.close();
    } catch (Exception e) {
        System.out.println(e.toString());
    }
    con.close();

}

}

```

Outputs:



The screenshot shows the Visual Studio Code interface with the 'Terminal' tab active. The terminal is running a Windows PowerShell session. The output shows the execution of a Java program that interacts with a database. The program creates a table named 'The Revenant', renames it to 'moviestable', truncates it, inserts two rows of data, and then drops the table.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\Study\SEM\DBMS\Assignment2> & 'c:\Users\Durvesh\.vscode\extensions\vscjava.vscode-java-debug-0.27.1\scripts\launcher.bat' 'D:\Program Files\Java\jdk-12.0.1\bin\java.exe' '-Dfile.encoding=UTF-8' '@C:\Users\Durvesh\AppData\Local\Temp\cp_30cbexp3t2wgzskuvum7x2is.
argfile' 'Assignment2'
Table Created
1 The Revenant
2 Lord of the Rings
Table Renamed from movie to moviestable
Table Truncated
21 21 Jump Street
22 22 Jump Street
Table Dropped
PS D:\Study\SEM\DBMS\Assignment2>
```