

Name:- EXP4

Program:-

```
import java.sql.*;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.sql.ResultSet;

public class Connectdb{
    static final String DB_URL = "jdbc:mysql://localhost:3306/test";
    static final String USER = "root";
    static final String PASS = "root";

    public static void main(String[] args)
    {
        // Open a connection

        System.out.println("Database Connection Program...");

        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection conn = DriverManager.getConnection(DB_URL, USER, PASS);
            System.out.println("Database Connected Successfully...");
            Statement stmt = conn.createStatement();
            // Execute a query
            System.out.println("Inserting records into the table...");

            String sql = "INSERT INTO Student VALUES (25, 'Ravi')";
            stmt.executeUpdate(sql);

            sql = "INSERT INTO Student VALUES (56, 'Aniket')";
            stmt.executeUpdate(sql);

            sql = "INSERT INTO Student VALUES (57, 'Shashank')";
            stmt.executeUpdate(sql);

            sql = "INSERT INTO Student VALUES (58, 'Shruti')";
            stmt.executeUpdate(sql);

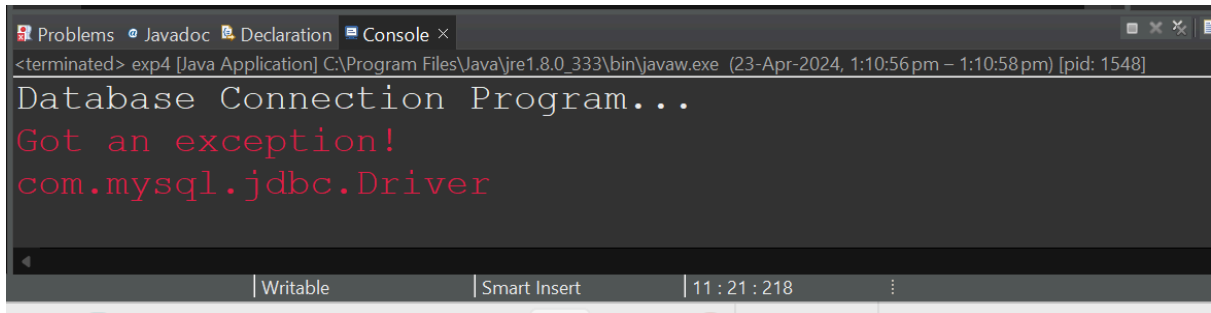
            System.out.println("Inserted records into the table...");

            String query = "SELECT * FROM Student ";
            Statement st = conn.createStatement();
            ResultSet rs = st.executeQuery(query);

            while (rs.next())
            {
                int id = rs.getInt(1);
                String Name = rs.getString(2);

                // print the results
                System.out.format("%s, %s\n", id, Name);
            }
            st.close();
        }
        catch (Exception e)
        {
            System.err.println("Got an exception! ");
            System.err.println(e.getMessage());
        }
    }
}
```

Output:-



The screenshot shows an IDE console window with the following content:

```
<terminated> exp4 [Java Application] C:\Program Files\Java\jre1.8.0_333\bin\javaw.exe (23-Apr-2024, 1:10:56 pm – 1:10:58 pm) [pid: 1548]  
Database Connection Program...  
Got an exception!  
com.mysql.jdbc.Driver
```

The console window has a title bar with tabs for 'Problems', 'Javadoc', 'Declaration', and 'Console'. The status bar at the bottom shows 'Writable', 'Smart Insert', and a timestamp '11:21:218'.