NAME: AKARSHAN JANGID

SECTION: 619:A

EXPERIMENT: 5

CODE:

```java
package akarshan;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import java.sql.SQLException;

public class aj {
    public static void main(String[] args) {
        String url = "jdbc:mysql://localhost:3306/emp";
        String user = "root";
        String password = "Jangid@123";
        try (Connection con = DriverManager.getConnection(url, user, password);
            Statement stmt = con.createStatement();
            ResultSet rs = stmt.executeQuery("SELECT * FROM employee")) {
            System.out.println("Connection successful! Retrieving employee data...");

            while (rs.next()) {
                int empId = rs.getInt("emp_id");
                String empName = rs.getString("emp_name");
                String designation = rs.getString("designation");
                double salary = rs.getDouble("salary");
```

```java
            String joiningDate = rs.getString("joining_date");


            System.out.println("Emp ID: " + empId + ", Name: " + empName + ", Designation: " +
designation

                + ", Salary: " + salary + ", Joining Date: " + joiningDate);

        }

    } catch (SQLException e) {

        e.printStackTrace();

    }

  }

}
```
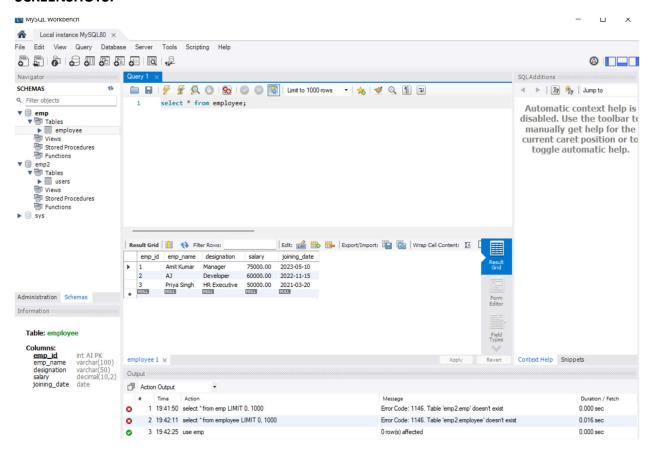
SCREENSHOTS:

File   Edit   Source   Refactor   Source   Navigate   Search   Project   Run   Window   Help

Package Explorer ×

- appium
- exp5
  - JRE System Library [JavaSE-22]
  - src
    - attraction
      - addition.java
      - Main.java
      - Student.java
- experiment4
- experiment5
- Jangid
- JAVA

Tabs: aj.java ×   ajj.java   ajwrite.java   addition.java   Student.java   Main.java

```java
1  package akarshan;
2
3  import java.sql.Connection;
8
9  public class aj {
10     public static void main(String[] args) {
11         String url = "jdbc:mysql://localhost:3306/emp";
12         String user = "root";
13         String password = "Jangid@123";
14
15         try (Connection con = DriverManager.getConnection(url, user, password);
16             Statement stmt = con.createStatement();
17             ResultSet rs = stmt.executeQuery("SELECT * FROM employee")) {
18
19             System.out.println("Connection successful! Retrieving employee data...");
20
21
22             while (rs.next()) {
23                 int empId = rs.getInt("emp_id");
24                 String empName = rs.getString("emp_name");
25                 String designation = rs.getString("designation");
26                 double salary = rs.getDouble("salary");
27                 String joiningDate = rs.getString("joining_date");
28
29                 System.out.println("Emp ID: " + empId + ", Name: " + empName + ", Designation: " + designation
30                     + ", Salary: " + salary + ", Joining Date: " + joiningDate);
31             }
32
33         } catch (SQLException e) {
34             e.printStackTrace();
35         }
36     }
37 }
```

Problems   @ Javadoc   Declaration   Console ×

<terminated> aj [Java Application] C:\Users\Kashish Jangid\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.1.v20240426-1149\jre\bin\javaw.exe (Mar 4

Connection successful! Retrieving employee data...
Emp ID: 1, Name: Amit Kumar, Designation: Manager, Salary: 75000.0, Joining Date: 2023-05-10
Emp ID: 2, Name: AJ, Designation: Developer, Salary: 60000.0, Joining Date: 2022-11-15
Emp ID: 3, Name: Priya Singh, Designation: HR Executive, Salary: 50000.0, Joining Date: 2021-03-20