Institute of Computer Technology
B. Tech Computer Science and Engineering
Subject: OOP (2CSE303)

PRACTICAL-23

AIM: - Ayesha was assigned a task to store the records of an employee with information such as employee id, name, age and salary in a table. Using the concept of JDBC, create a table Employee which consists of the columns as mentioned and store the data collected through user input within the table.

SOLUTION

```
package practicals;

import java.sql.*;
import java.util.Scanner;

public class p23 {
	public static void main(String args[]) {
		try {
			Class.forName("com.mysql.jdbc.Driver"); // driver

			String driverUrl = "jdbc:mysql://localhost:3306/prac23db";

			Connection con = DriverManager.getConnection(driverUrl,
"root", "");

			String createTableQuery = "CREATE table EmployeeTB( "
					+ "emp_id INTEGER PRIMARY KEY NOT NULL , "
					+ "name VARCHAR(30) ,"
					+ "salary INTEGER ,"
					+ "age INTEGER)";

			PreparedStatement CreateTable =
con.prepareStatement(createTableQuery);

			CreateTable.execute();
			Scanner sc = new Scanner(System.in);

			String emp_Name;
			int emp_id, emp_Age, salary;
```

```
                String InsertDataQuery = "INSERT INTO
EmployeeTB(emp_id,name,age,salary) VALUES(?,?,?,?)";

                PreparedStatement InsertData =
con.prepareStatement(InsertDataQuery);

                System.out.println("Enter Employee ID : ");
                emp_id = sc.nextInt();
                System.out.println("Enter Employee Name : ");
                emp_Name = sc.next();
                System.out.println("Enter Employee Age : ");
                emp_Age = sc.nextInt();
                System.out.println("Enter Employee Salary : ");
                salary = sc.nextInt();

                InsertData.setInt(1, emp_id);
                InsertData.setString(2, emp_Name);
                InsertData.setInt(3, emp_Age);
                InsertData.setInt(4, salary);

                InsertData.executeUpdate();
                InsertData.close();
                Statement st = con.createStatement();
                ResultSet rs = st.executeQuery("select * from EmployeeTB
where emp_id=1");
                rs.next();

                String str = rs.getString("emp_id");
                String str1 = rs.getString("name");
                String str2 = rs.getString("age");
                String str3 = rs.getString("salary");
                System.out.println("\nEmp ID: " + str + "\nName: " + str1 +
"\nAge: " + str2 + "\nSalary: " + str3);
            } catch (Exception e) {
                System.out.println(e);
            }
        }
```

```
}
```

OUTPUT