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) {

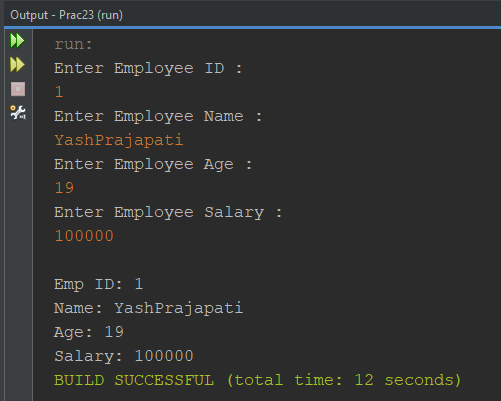
System.out.println(e);

}

}

}

***OUTPUT***

******