**PRACTICAL 3.4**

**AIM:**

Write a JDBC Program to insert 3 records into student table using PreparedStatement. (Assume Student Table with Attributes Name, RollNo and Branch Field). (use PreparedStatement Interface)

**CODE:**

**Practical3\_4.java**

//STEP 1: Import required packages

import java.sql.\*;

public class Practical3\_4 {

//JDBC Driver Name and Database URL

static final String JDBC\_DRIVER = "com.mysql.jdbc.Driver";

static final String DB\_URL = "jdbc:mysql://localhost:3306/s2b130050131525";

//Database Credentials

static final String USER = "root";

static final String PASS = "mysql";

public static void main(String[] args) {

Connection conn = null;

PreparedStatement stmt = null;

try{

//STEP 2: Register JDBC Driver

Class.forName(JDBC\_DRIVER);

//STEP 3: Open a Connection

System.out.println("Connecting to selected database");

conn = DriverManager.getConnection(DB\_URL, USER, PASS);

System.out.println("Connected to database successful");

//STEP 4: Preparing Statement

stmt = conn.prepareStatement("INSERT INTO student(rollNo, name, branch) VALUES(?, ?, ?)");

//STEP 5: Execute Statements

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

stmt.setInt(1,1048);

stmt.setString(2,"Rushi");

stmt.setString(3,"CSE");

stmt.executeUpdate();

stmt.setInt(1,1049);

stmt.setString(2,"Saloni");

stmt.setString(3,"ME");

stmt.executeUpdate();

stmt.setInt(1,1050);

stmt.setString(2,"Zeel");

stmt.setString(3,"CSE");

stmt.executeUpdate();

System.out.println("Records inserted");

} catch(SQLException se){

//Handle errors for JDBC

se.printStackTrace();

} catch(Exception e){

//Handle errors for Class.forName

e.printStackTrace();

} finally{

//finally block used to close resources

try{

if(stmt!=null)

conn.close();

} catch(SQLException se){

}

try{

if(conn!=null)

conn.close();

} catch(SQLException se){

se.printStackTrace();

}

}

System.out.println("Goodbye!");

}

}

**OUTPUT:**



