1. **Prepared Statement:**

package com.preparedstatement;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.Scanner;

public class TestPrepareStatement

{

public static void main(String[] args)

{

Connection con=null;

PreparedStatement p=null;

ResultSet rs=null;

//Class.forName("com.mysql.jdbc.Driver");

try

{

con=DriverManager.getConnection("jdbc:mysql://localhost/j30group","root","root");

if(con==null)

{

System.out.println("Connection not Establish");

}

else

{

System.out.println("Connection is Establish");

}

/\*

String s="create table customer1(id int primary key auto\_increment,name varchar(20),amount int)";

p=con.prepareStatement(s);

p.executeUpdate();

System.out.println("Table Created");

\*/

/\*

String s1="insert into customer1 values(?,?,?)";

p=con.prepareStatement(s1);

System.out.println("Enter id,name,amount");

int id=new Scanner(System.in).nextInt();

String name=new Scanner(System.in).next();

int amount=new Scanner(System.in).nextInt();

p.setInt(1,id);

p.setString(2,name);

p.setInt(3,amount);

p.executeUpdate();

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

\*/

/\*

String s2="update customer1 set name=? where id=?";

p=con.prepareStatement(s2);

System.out.println("Enter name");

String name=new Scanner(System.in).next();

System.out.println("Enter id where you want to update name");

int id=new Scanner(System.in).nextInt();

p.setString(1,name);

p.setInt(2,id);

p.executeUpdate();

System.out.println("values updated");

\*/

/\*

String s3="delete from customer1 where id=?";

p=con.prepareStatement(s3);

System.out.println("Enter id");

int id=new Scanner(System.in).nextInt();

p.setInt(1,id);

p.executeUpdate();

System.out.println("values deleted");

\*/

String s4="select \* from customer1";

p=con.prepareStatement(s4);

rs=p.executeQuery();

while(rs.next())

{

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3));

}

}

catch (SQLException e)

{

e.printStackTrace();

}

}

}

1. **Collable:**

package com.collable;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.CallableStatement;

public class TestCallable {

public static void main(String[] args) throws SQLException {

Connection con=null;

CallableStatement cst=null;

ResultSet rs=null;

con=DriverManager.getConnection("jdbc:mysql://localhost/j30Group","root","root");

if(con==null)

{

System.out.println("Connection failed:");

}

else

{

System.out.println("Connection successfull:");

}

cst=con.prepareCall("{call insertData7(?,?,?,?)}");

cst.setInt(1,1);

cst.setString(2,"Onkar");

cst.setInt(3,99);

cst.setInt(4,12);

cst.executeUpdate();

System.out.println("insert record");

}

}