Modern Application Development (Java Spring Boot)

ASSIGNMENT-3

Name: B Sreya

Reg. No: 20BCE7141

1). FOR DISPLAYING RECORDS:

```
It Package Explorer ::
                                                                                                                                                                                                                         Mainjess @ EMCExamplejass :
public class #00(Example )
         = Libon
                                                                                                                                                                                                                                                       public static wold main(String() args) (
                                                                                                                                                                                                                                                                               / mode Arcogenerates
///, Register the driver
///, Register the driver
class for Name("com.myoul.jdbc.Oriver");
//2 establish the connection
connection community enteringer.getConnection("jdbc.myoul://localhost:3385/assignamet2", "root", "Shangavi2003"588");
//1 create a statement
Statement state.com, (resteStatement();
//Alloworute the quary
  » El Smart Bridge
                       - Inca
           · ME System Library Quintle Its.
          · · · B. Referenced Libraries
                         - - mysql-connector - 4.0.33 jar - C.Vorminger
       SF Strogs
       Sil test project
         of tourists
                                                                                                                                                                                                                                                                                                        //S.close the
com.close();
                                                                                                                                                                                                                                                                                    catch(Exception =) (
                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             - 英祖 三日 - 伊利 | 日 - -
                                                                                                                                                                                                                        # Problems - Invador Declaration D Console III
                                                                                                                                                                                                                       -terminated: DRC Lampie (New Application) Chileropersonal/Download/astipus (new 2020-12-8, min2-e86-64 origine plagram organicse publicance (Atheropersonal Lambiane in American India and American India a
                                                                                                                                                                                                                       3 2 MECH
2 3 ECE
4 28 MATH
5 23 ENG
```

2.1). PREPARED STATEMENT TO INSERT VALUES FROM USER:

```
package Java;
import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement; import java.sql.Statement;
import
java.sql.ResultSet;
public class JDBCExample {
      public static void main(String[] args) {
             // TODO Auto-generated method stub
try {
               //1, Register the driver
               Class.forName("com.mysql.jdbc.Driver");
               //2.establish the connection
               Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/assignmnet2","root",
"Bhargavi2003*5##");
               //3.create a statement
```

```
PreparedStatement stmt=conn.prepareStatement("insert into
department values(?,?,?)");
                                                                                                                                                                 stmt.setInt(1, 6); stmt.setInt(2,
 50);
                                                                                                                                 stmt.setString(3,"CIVIL");
 //4.execute the query
result=stmt.executeUpdate();
System.out.println("result" + result);
         //5.close the connection
conn.close();
                                                                                                   }
 catch(Exception e) {
                                                             e.printStackTrace();
                                         }
                           }
}
                                                                                                                                                                                                                                                           ※解析に対するのであって

☐ Problems 
■ Javadoc | Declaration 
□ Console ::

             -terminateds: #DBCExample Dava Application) C\User\periona\Download\(\text{repriorate}\) Download\(\text{repriorate}\) -#200-12-R-win32-88, 64 (eclipse\underline\) gradings (rights\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\underline\un
            loading class "com.mysql.jdbc.Oriver". This is deprecated. The new driver class is "com.mysql.cj.jdbt.Oriver". The driver is automatically reg
                                                                                                                                                                             Edit:
                  sno
                                                     departmentid
                                                                                                 departmentName
                                                                                                CSE
                             1
                                                    1
                             3
                                                   2
                                                                                               MECH
                                                    3
                                                                                               ECE
                             2
                              4
                                                   20
                                                                                               MATH
                             5
                                                    23
                                                                                               ENG
                             6
                                                   50
                                                                                               CIVIL
                           RULL
                                                 NULL
                                                                                              PRODUCE
                  department 3 ×
2.2). INPUT FROM USER USING A SCANNER CLASS:
```

```
package Java;
import java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement; import
java.sql.Statement; import java.util.Scanner;
import
java.sql.ResultSet;
public class JDBCExample {
      public static void main(String[] args) {
      // TODO Auto-generated method stub
try {
               //1, Register the driver
               Class.forName("com.mysql.jdbc.Driver");
               //2.establish the connection
```

```
Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/assignmnet2","root",
"Bhargavi2003*5##");
                //3.create a statement
                PreparedStatement stmt=conn.prepareStatement("insert into
department values(?,?,?)");
                Scanner in=new Scanner(System.in);
System.out.println("please enter the sno");
int sno=in.nextInt();
                                      stmt.setInt(1, sno);
             System.out.println("please enter dept id");
                                                                          int
                                          stmt.setInt(2, departmentid);
departmentid=in.nextInt();
                 System.out.println("Please enter dept name");
String departmentName=in.next();
                                                  stmt.setString(3,
departmentName);
result=stmt.executeUpdate();
System.out.println("result " + result);
  //5.close the connection
conn.close();
                          }
catch(Exception e) {
e.printStackTrace();
       }
}
  🔐 Problems @ Javadoc 🚇 Declaration 📮 Console 🖾
  <terminated> JDBCExample [Java Application] C:\Users\personal\Downloads\eclipse-java-2021
  Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new dri
  please enter the sno
  please enter dept id
  Please enter dept name
  result 1
  departmentName
      sno
            departmentid
           1
                       CSE
  ٠
     1
     3
           2
                       MECH
     2
           3
                       ECE
     4
           20
                       MATH
     5
           23
                       ENG
     7
           34
                       CHE
                       CIVIL
     6
           50
           NULL
                       HULL
```

3). FOR DELETING RECORD:

```
package Java; import
java.sql.Connection; import
java.sql.DriverManager; import
java.sql.PreparedStatement
; import
```

```
java.sql.Statement; import java.util.Scanner;
import java.sql.ResultSet; import
java.sql.SQLException;
public class JDBCExample {
      public static void main(String[] args) {
       // TODO Auto-generated method stub
try {
                //1, Register the driver
                Class.forName("com.mysql.jdbc.Driver");
                //2.establish the connection
                Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/assignmnet2","root",
"Bhargavi2003*5##");
                //3.create a statement
               Statement stmt=conn.createStatement();
               String sql="DELETE FROM department WHERE departmentId=50";
               int result= stmt.executeUpdate(sql);
 System.out.println("result "+result);
 conn.close();
catch(Exception e) {
                e.printStackTrace();
          }
       }
}
   🔐 Problems @ Javadoc 🚇 Declaration 🖾 Console 🖾
    <terminated> JDBCExample [Java Application] C:\Users\personal\Downloads\eclipse-java-2020-12-R-win32-x86_64\ecli
    Loading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.m
    result 1
    Edit:
              departmentid
                         departmentName
                         CSE
        1
             1
                         MECH
        3
             2
        2
                         ECE
             3
        4
             20
                         MATH
        5
             23
                         ENG
             34
                         CHE
       BURN
             EDITO
                         RULL
```

4). FOR UPDATING RECORD: package

```
Java; import java.sql.Connection; import java.sql.DriverManager; import java.sql.PreparedStatement; import java.sql.Statement; import
```

```
java.util.Scanner; import
java.sql.ResultSet; public class
JDBCExample {
        public static void main(String[] args) {
                // TODO Auto-generated method stub
     try {
         //1, Register the driver
         Class.forName("com.mysql.jdbc.Driver");
         //2.establish the connection
         Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/assignmnet2","root","Bhargavi20 03*5##");
         //3.create a statement
        Statement stmt=conn.createStatement();
        String sql="UPDATE department SET departmentName='CIVIL' WHERE sno=4";
int result=stmt.executeUpdate(sql);
        System.out.println("result "+result);
        ResultSet rs=stmt.executeQuery("select * from department");
while(rs.next()) {
                System.out.println(rs.getInt(1)+" "+rs.getInt(2)+" "+rs.getString(3));
        }
conn.close();
     }
     catch(Exception e) {
         e.printStackTrace();
     }
        }
}
```

Problems @ Javadoc Declaration Console Sterminated > JDBCExample [Java Application] C:\Users\personal\Downloads\eclips
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The result 1
1 1 CSE
3 2 MECH
2 3 ECE
4 20 CIVIL
5 23 ENG
7 34 CHE