Modern Application Development (Java Spring Boot)

ASSIGNMENT-3

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1). FOR DISPLAYING RECORDS:

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    ■ Java
    ■ RE System Library (small= 15)

    Referenced Litraries
    Fig. mysql-connector ± 8.0.33 jar - C.V.Verrigero

 BF Strings
                                                                                                  ResultSet rs-start.executeQuery("Select " from deportment");
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sil tourists
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                                                                      3 2 MECH
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                                                                      4 28 MATH
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```

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
                                                                                                                                                      int
result=stmt.executeUpdate();
System.out.println("result" + result);
         //5.close the connection
conn.close();
catch(Exception e) {
                                                                e.printStackTrace();
                                           }
                            }
}
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```

2.2). INPUT FROM USER USING A SCANNER CLASS:

```
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
departmentid=in.nextInt();
                                          stmt.setInt(2, departmentid);
                 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-202l
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```

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\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\eclipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win32-x86_64\ellipse-java-2020-12-R-win3
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```

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  □ Console
```