# **Modern Application Development (Java Spring Boot)**

# **ASSIGNMENT-3**

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**Reg. No:** 20BCE7141

## 1). FOR DISPLAYING RECORDS:

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//i establish the connection
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        BF Strings
                                                                                                                                                                                                                                                         //A overife the quiry
ResultSet "s-tort.executeQuery("Select " from department");
while("s.next()) {
    System.out.println("s.getInt(1)+" "+"s.getInt(1)+" "+"s.getString(3));
}
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2 3 ECE
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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();
                                          }
                            }
}
                                                                                                                                                                                                                                                                        ■異権(お前回を提出を与って・

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            loading class 'com.mysql.jdbc.Oriver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is automatically reg
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                              6
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                             NULL
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                   department 3 ×
```

## 2.2). INPUT FROM USER USING A SCANNER CLASS:

```
//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 departmentid=in.nextInt();
                                                stmt.setInt(2,
departmentid);
                 System.out.println("Please enter dept name");
   String departmentName=in.next();
stmt.setString(3, departmentName);
                                                    int
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-202
  Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new dri
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                       CIVIL
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                       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
  result 1
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                       ECE
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            20
                       MATH
      4
      5
            23
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      7
            34
                       CHE
     RULL
           RURA
                       NULL
```

### 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  
<terminated > JDBCExample [Java Application] C:\Users\personal\Downloads\eclips
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The
result 1

1 CSE
3 2 MECH
2 3 ECE
4 20 CIVIL
5 23 ENG
7 34 CHE
```