

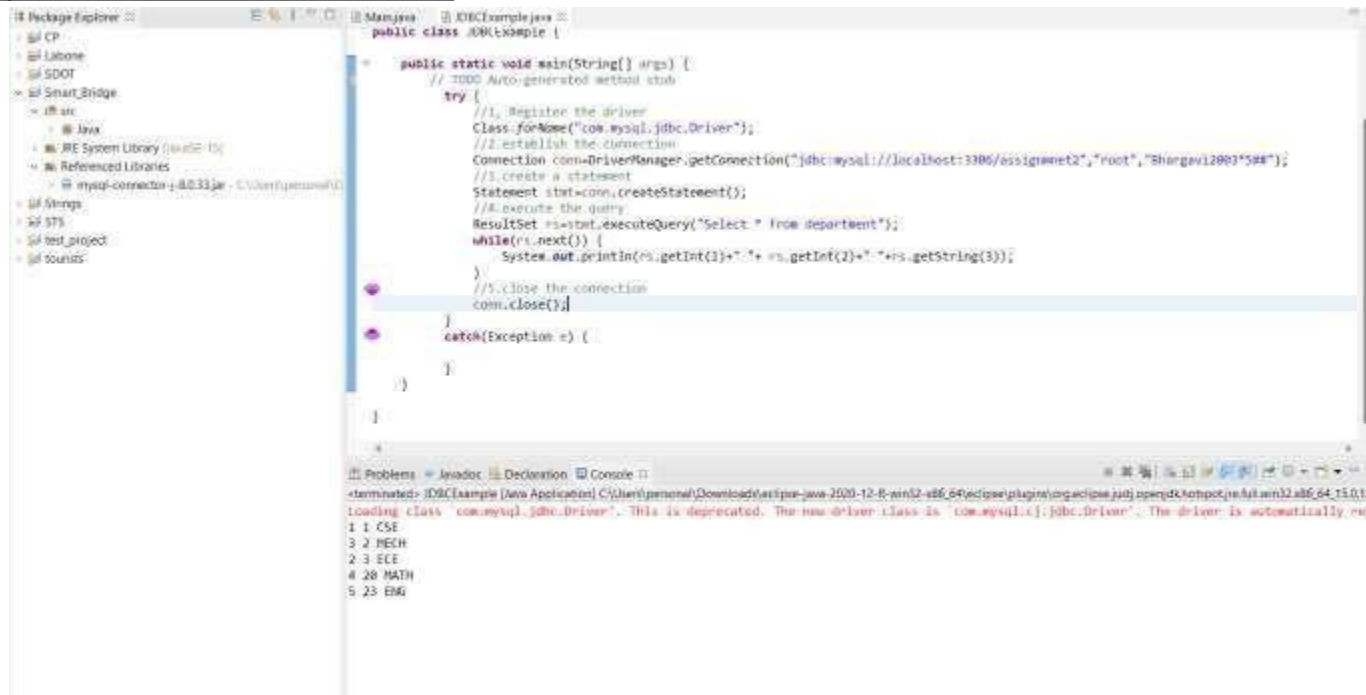
Modern Application Development (Java Spring Boot)

ASSIGNMENT-3

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1). FOR DISPLAYING RECORDS:



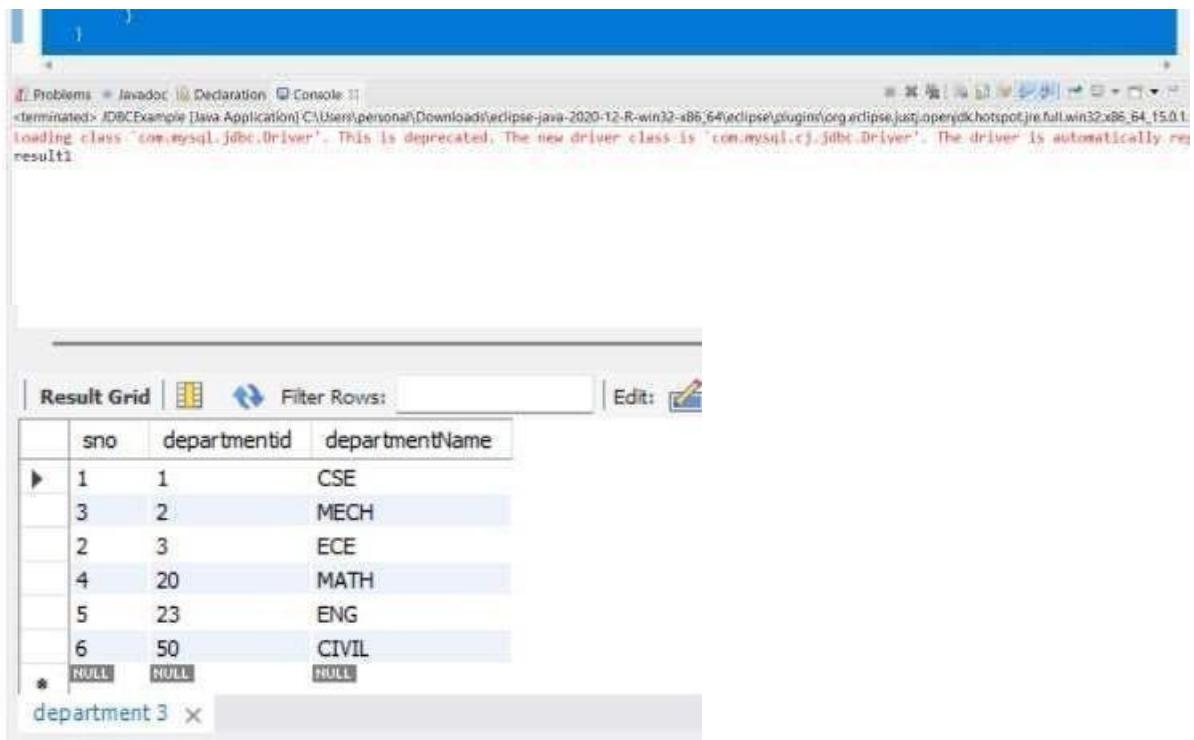
2.1). PREPARED STATEMENT TO INSERT VALUES FROM USER:

```
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();
    }
}
}
}

```



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
        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-2021
 Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new dri
 please enter the sno
 7
 please enter dept id
 34
 Please enter dept name
 CHE
 result 1

Result Grid Filter Rows:

	sno	departmentid	departmentName
▶	1	1	CSE
	3	2	MECH
	2	3	ECE
	4	20	MATH
	5	23	ENG
	7	34	CHE
	6	50	CIVIL
*	NULL	NULL	NULL

3). FOR DELETING RECORD:

```

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

```

```

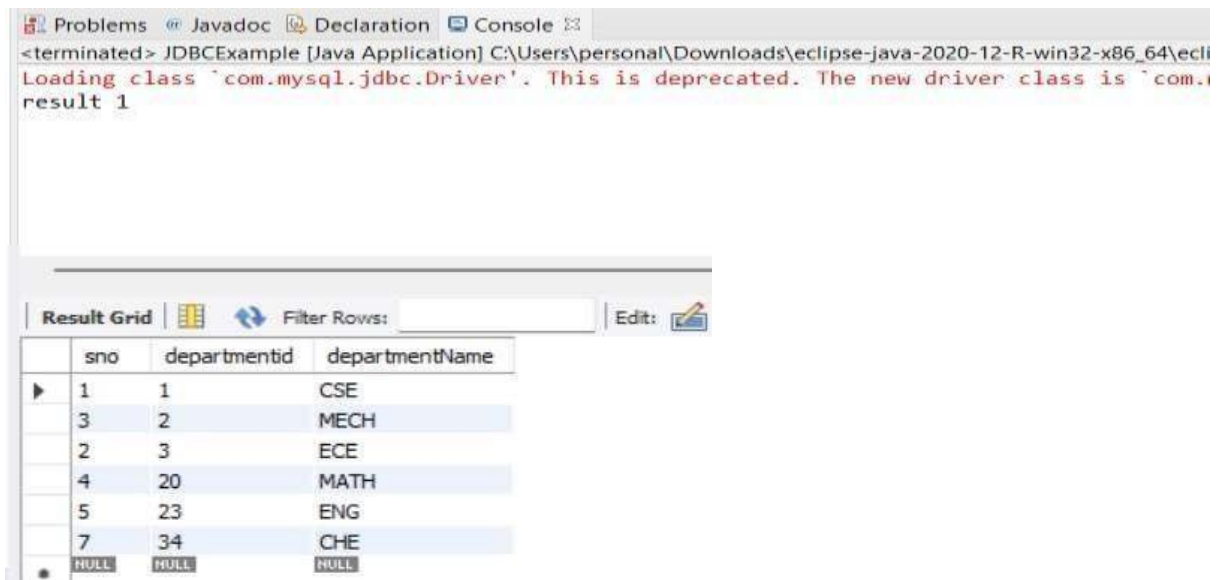
java.sql.Statement; import java.util.Scanner;
import java.sql.ResultSet; import
java.sql.SQLException;

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();
    }
}
}

```



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 1 CSE

3 2 MECH

2 3 ECE

4 20 CIVIL

5 23 ENG

7 34 CHE