SCHOOL OF ELECTRICAL ENGINEERING

Modern Application Development(Java Spring Boot)

ASSIGNMENT – 3

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Programme : Btech.EEE

Retrive Data Using JDBC :

```java
import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class mysql_jdbc {

public static void main(String args[]) {

try {

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

Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/logicfirst", "root",
"Priya");

Statement stmt = con.createStatement() ;

ResultSet rs = stmt.executeQuery("select * from company");

while (rs.next()) {

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

}

con.close();

}

catch (Exception e) {

}
```

```
}

}
```

Output :

```
mysql_jdbc.java ×
1⊖ import java.sql.Connection;
2  import java.sql.DriverManager;
3  import java.sql.ResultSet;
4  import java.sql.Statement;
5
6  public class mysql_jdbc {
7⊖     public static void main(String args[]) {
8          try {
9              Class.forName("com.mysql.jdbc.Driver");
10             Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logicfirst", "root", "Anusha@123");
11             Statement stmt = con.createStatement() ;
12             ResultSet rs = stmt.executeQuery("select * from company");
13             while (rs.next()) {
14                 System.out.println(rs.getInt(1) + " " + rs.getString(2) + " "+rs.getString(3));
15                 }
16
17             //System.out.println("Successfully Connected!");
18                 con.close();
19                 }
20         catch (Exception e) {
21
22                 }
23             }
24     }
```

```
Problems  @ Javadoc  Declaration  Console ×  Coverage                                    ⊞ ✖ ✖ | ⧉ ⧉
<terminated> mysql_jdbc [Java Application] C:\Users\lenovo\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\javaw.exe (
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is `com.mysql.cj.jdbc.Driver'. The driver is automat:
1 anusha engineer
2 lakshmi manager
3 anupriya engineer
4 viji admin
5 praveen engineer
```

Update Data Using JDBC

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class mysql_jdbc {

public static void main(String args[]) {

```java
try {

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

Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/logicfirst", "root",
"Anusha@123");

Statement stmt = con.createStatement() ;

int r = stmt.executeUpdate("insert into company(com_id,com_name,job_desc)
values(6,\"moni\",\"doctor\")");

if(r>0)

{

System.out.println("Successfully Updated");

}

ResultSet rs = stmt.executeQuery("select * from company");

while (rs.next()) {

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

}

con.close();

}

catch (Exception e) {

System.out.println(e.toString());

}

} }
```

Output:

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

public class mysql_jdbc {
    public static void main(String args[]) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logicfirst", "root", "Anusha@123");
            Statement stmt = con.createStatement() ;
            int r = stmt.executeUpdate("insert into company(com_id,com_name,job_desc) values(6,\"moni\",\"doctor\")");
            if(r>0)
            {
                System.out.println("Successfully Updated");
            }
            ResultSet rs = stmt.executeQuery("select * from company");
            while (rs.next()) {
                System.out.println(rs.getInt(1) + " " + rs.getString(2) + " "+rs.getString(3));
            }
            con.close();
        }
        catch (Exception e) {
            System.out.println(e.toString());
        }  }
    }
```

Problems | @ Javadoc | Declaration | Console × | Coverage

`<terminated> mysql_jdbc [Java Application] C:\Users\lenovo\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\javaw.exe (J`

```
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is `com.mysql.cj.jdbc.Driver'. The driver is automati
Successfully Updated
1 anusha engineer
2 lakshmi manager
3 anupriya engineer
4 viji admin
5 praveen engineer
6 moni doctor
```

Activate

After Insert :

```sql
create database logicfirst;
use logicfirst;
create table company(
com_id int primary key,
com_name varchar(15),
job_desc varchar(3),
salary int (3));
Describe company;
insert into company values(1,"anusha","engineer",230000),(2,"lakshmi","manager",200000),(3,"anupriya","engineer",430
select*from company;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

com_id	com_name	job_desc	salary
1	anusha	engineer	230000
2	lakshmi	manager	200000
3	anupriya	engineer	430000
4	viji	admin	320000
5	praveen	engineer	300000
6	moni	doctor	NULL
NULL	NULL	NULL	NULL

Result Grid

Form Editor