

MODERN APPLICATION DEVELOPMENT – JAVA SPRING BOOT

WEEK 3 ASSIGNMENT

NAME: YOGAVARSHNI D

REGISTER NUMBER: 20BCE2339

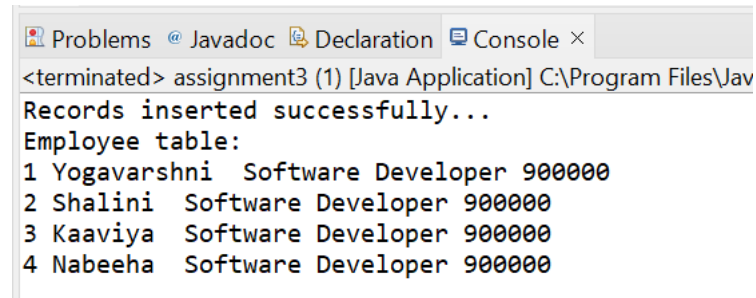
IMPLEMENT JAVA DATABASE CONNECTIVITY USING JAVA:

INSERTION:

CODE:

```
package JDBCAssignment3;
import java.sql.*;
public class assignment3{
public static void main(String args[]){
    try{
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/demo","root","root");
        Statement stmt=con.createStatement();
        String ins1="insert into employee values(1,'Yogavarshni','Software
Developer',900000)";
        stmt.executeUpdate(ins1);
        String ins2="insert into employee values(2,'Shalini','Software
Developer',900000)";
        stmt.executeUpdate(ins2);
        String ins3="insert into employee values(3,'Kaaviya','Software
Developer',900000)";
        stmt.executeUpdate(ins3);
        String ins4="insert into employee values(4,'Nabeeha','Software
Developer',900000)";
        stmt.executeUpdate(ins4);
        System.out.println("Records inserted successfully...");
        System.out.println("Employee table:");
        ResultSet rs = stmt.executeQuery("select * from employee");
        while(rs.next()){
            System.out.println(rs.getInt(1)+" "+rs.getString(2)+"
"+rs.getString(3)+" "+rs.getInt(4));
        }
        con.close();
    }
    catch(Exception e){
        System.out.println(e);}
}
```

OUTPUT:



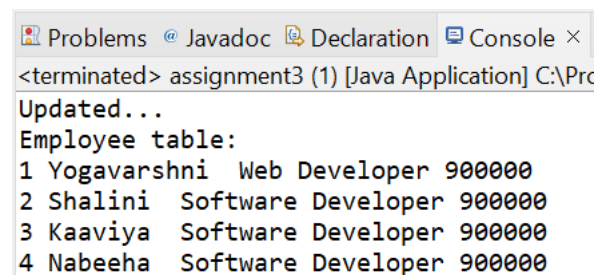
```
<terminated> assignment3 (1) [Java Application] C:\Program Files\Java\
Records inserted successfully...
Employee table:
1 Yogavarshni Software Developer 900000
2 Shalini Software Developer 900000
3 Kaaviya Software Developer 900000
4 Nabeeha Software Developer 900000
```

UPDATE:

CODE:

```
package JDBCAssignment3;
import java.sql.*;
public class assignment3{
public static void main(String args[]){
    try{
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/demo","root","root");
        Statement stmt=con.createStatement();
        String upd1="update employee set Role='Web Developer' where
Name='Yogavarshni'";
        stmt.executeUpdate(upd1);
        System.out.println("Updated...");
        System.out.println("Employee table:");
        ResultSet rs = stmt.executeQuery("select * from employee");
        while(rs.next()){
            System.out.println(rs.getInt(1)+" "+rs.getString(2)+"
"+rs.getString(3)+" "+rs.getInt(4));
        }
        con.close();
    }
    catch(Exception e){
        System.out.println(e);}
    }
}
```

OUTPUT:



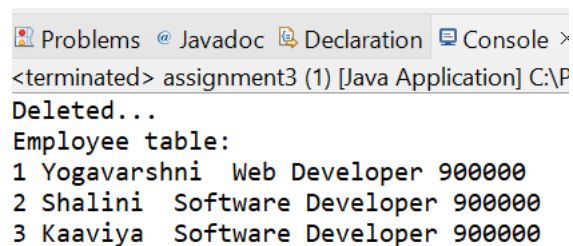
```
<terminated> assignment3 (1) [Java Application] C:\Program Files\Java\
Updated...
Employee table:
1 Yogavarshni Web Developer 900000
2 Shalini Software Developer 900000
3 Kaaviya Software Developer 900000
4 Nabeeha Software Developer 900000
```

DELETION:

CODE:

```
package JDBCAssignment3;
import java.sql.*;
public class assignment3{
public static void main(String args[]){
    try{
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/demo","root","root");
        Statement stmt=con.createStatement();
        String del1="delete from employee where Name='Nabeeha'";
        stmt.executeUpdate(del1);
        System.out.println("Deleted...");
        System.out.println("Employee table:");
        ResultSet rs = stmt.executeQuery("select * from employee");
        while(rs.next()){
            System.out.println(rs.getInt(1)+" "+rs.getString(2)+"
"+rs.getString(3)+" "+rs.getInt(4));
        }
        con.close();
    }
    catch(Exception e){
        System.out.println(e);}
}
```

OUTPUT:



```
<terminated> assignment3 (1) [Java Application] C:\P
Deleted...
Employee table:
1 Yogavarshni Web Developer 900000
2 Shalini Software Developer 900000
3 Kaaviya Software Developer 900000
```