

Check Special character data and Copy into db

Task 3:

Student table with a data we need to check whether that student table (name column) having special characters like \$,@ etc. and we need to take this type of record and store into another table called student_clone

Table : student

sid	sname	sphone
101	Jbk@	124563
102	Kiran\$	896578
103	Shweta	865478

Write a code in java which checks the special character in sname and copies that data and put into another table called as student_clone

Table: student_clone

sid	sname	sphone
101	Jbk@	124563
102	Kiran\$	896578

Solution:-

```
package com.jbk;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
import java.util.regex.Matcher;
```

```
import java.util.regex.Pattern;
```

```
public class Task3Example {
```

```
    public static void main(String[] args) throws ClassNotFoundException,  
    SQLException {
```

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

```
        Connection con =  
        DriverManager.getConnection("jdbc:mysql://localhost:3309/data", "root", "root");
```

```
        String sql = "SELECT * FROM student";
```

```
        Statement stmt = con.createStatement();
```

```
        ResultSet rs = stmt.executeQuery(sql);
```

```
        con.setAutoCommit(false);
```

```
while (rs.next())
{
    String Name= rs.getString("name");
    String contact = rs.getString("contact");
    System.out.println(Name);
    System.out.println(contact);

    Pattern pattern =
Pattern.compile("[$&+,:;=\\\\\\?@#|/'<>.^*()%!-]");

    Matcher matcher = pattern.matcher(Name);
    boolean val=matcher.find();

    if (val == true) {
        String sql1="insert into student_clone(name,contact)
values ('"+Name+"','"+contact+"')";

        Statement stmt1 = con.createStatement();
        stmt1.executeUpdate(sql1);
    }

    stmt.execute(sql);

    con.commit();
    con.close();
}
```

```
System.out.println("Data Add sucessfully");
```

```
}
```

```
}
```

