

## **JAVA PROGRAMMING – CSE1007**

<u>DIGITAL</u> <u>ASSINGMENT -1</u> <u>SLOT : D2+TD2</u>	<u>CSE1007:</u>  <b>JAVA PROGRAMMING</b>	<u>NAME: JAYAPRAKASH K</u>  <u>REG.NO:16BIT0441</u>
--	--	---

### **DOMAIN:**

This is the Interface for food booking website like Swigy.

### **FEATURES:**

- User Registration
- Authentication(User Validation)
- Food to Current Address
- Choosing Favourite Restaurant
- Choosing Favourite food with Quantity
- Dele Orders

### **CODE:**

```
package da;  
  
import java.awt.Color;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javafx.application.Application;

import static javafx.application.Application.launch;

import javafx.event.ActionEvent;

import javafx.event.EventHandler;

import javafx.geometry.Pos;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.Label;

import javafx.scene.control.TextField;

import javafx.scene.layout.GridPane;

import javafx.scene.text.Font;

import javafx.scene.text.Text;

import javafx.stage.Stage;

import javax.naming.spi.DirStateFactory.Result;

/**

 * DIGITAL ASSINGMENT FOR JAVA PROGRAMMING

 * @author JAYAPRAKASH B.TECH

 */

public class Riyag extends Application{
```

```
public static void main(String args[])
{
    launch(args);
}

public void start(Stage s) throws Exception {
    String un="";
    s.setTitle("    Riyag food delivery");
    GridPane g=new GridPane();
    Label l=new Label("Riyag food delivery");
    Label l1=new Label("Sign up");
    Label l2=new Label("Username: ");
    Label l3=new Label("Password: ");
    Label l4=new Label("Contact No: ");
    Label l5=new Label("E-mail: ");
    Label l6=new Label("Have a Account?");
    TextField t1=new TextField();
    TextField t2=new TextField();
    TextField t3=new TextField();
    TextField t4=new TextField();
    // TextField t5=new TextField();
    Button b1=new Button("SignUp");
    Button b2=new Button("Login");

    g.add(l,0,0);
```

```
g.add(l1,0,1);
```

```
g.add(l2,0,2);
```

```
g.add(l3,0,3);
```

```
g.add(l4,0,4);
```

```
g.add(l5,0,5);
```

```
g.add(l6,0,7);
```

```
g.add(t1,1,2);
```

```
g.add(t2,1,3);
```

```
g.add(t3,1,4);
```

```
g.add(t4,1,5);
```

```
g.add(b1,1,6);
```

```
g.add(b2,1,7);
```

```
g.setAlignment(Pos.CENTER);
```

```
Scene scene=new Scene(g,500,500);
```

```
s.setScene(scene);
```

```
s.show();
```

```
GridPane g02=new GridPane();
```

```
Label ls=new Label("          LOGIN ");
```

```
Label ls1=new Label("USER NAME: ");
```

```
Label ls2=new Label("PASSWORD: ");
```

```
Label ls5=new Label();
```

```
TextField ts1=new TextField();
```

```
TextField ts2=new TextField();
```

```
Button bl1=new Button("Login");

g02.add(ls,1,0);

g02.add(ls1,1,2);

g02.add(ls2,1,4);

g02.add(ts1,2,2);

g02.add(ts2,2,4);

g02.add(bl1,2,5);

g02.add(ls5,2,7);


g02.setAlignment(Pos.CENTER);

Scene ss1=new Scene(g02,500,500);
```

```
GridPane g01=new GridPane();

Label la1=new Label("    Set Delivery Address ");

la1.setFont(Font.font(20));

Label la2=new Label("Area: ");

Label la3=new Label("Location of Area: ");

Label la4=new Label("Area PIN: ");

Button ba1=new Button("Proceed Order");

TextField ta1=new TextField();

TextField ta2=new TextField();

TextField ta3=new TextField();

g01.setAlignment(Pos.CENTER);
```

```
g01.add(la1,1,0);  
g01.add(la2,1,3);  
g01.add(la3,1,5);  
g01.add(la4,1,7);  
g01.add(ta1,2,3);  
g01.add(ta2,2,5);  
g01.add(ta3,2,7);  
g01.add(ba1,2,9);
```

```
Scene sca1=new Scene(g01,500,500);
```

```
GridPane g03=new GridPane();
```

```
Label v=new Label("View Your Previous Orders");
```

```
Button bv=new Button("view");
```

```
g03.add(v,1,0);
```

```
g03.add(bv,2,0);
```

```
Label lh=new Label("      Select Your Restaurant ");
```

```
Label lh1=new Label("1. A-restaurant");
```

```
Label lh2=new Label("2. B-restaurant");
```

```
Label lh3=new Label("3. C-restaurant");
```

```
Label lh4=new Label("4. D-restaurant");
```

```
Label lh5=new Label("5. E-restaurant");
```

```
Button bs1=new Button("Select");
```

```
Button bs2=new Button("Select");
```

```
Button bs3=new Button("Select");
Button bs4=new Button("Select");
Button bs5=new Button("Select");
g03.add(lh,1,2);
g03.add(lh1,1,4);
g03.add(lh2,1,6);
g03.add(lh3,1,8);
g03.add(lh4,1,10);
g03.add(lh5,1,12);
g03.add(bs1,2,4);
g03.add(bs2,2,6);
g03.add(bs3,2,8);
g03.add(bs4,2,10);
g03.add(bs5,2,12);
g03.setAlignment(Pos.CENTER);
Scene sch=new Scene(g03,500,500);
```

```
GridPane g04=new GridPane();
Label lf=new Label("      Select Your Food ");
Label lf1=new Label("1. A-dish");
Label lf2=new Label("2. B-dish");
Label lf3=new Label("3. C-dish");
Label lf4=new Label("4. D-dish");
Label lf5=new Label("5. E-dish");
Label lf6=new Label("Enter Quantity");
```

```
TextField tf1=new TextField();  
TextField tf2=new TextField();  
TextField tf3=new TextField();  
TextField tf4=new TextField();  
TextField tf5=new TextField();  
Button bf1=new Button("Proceed Order");  
TextField txt=new TextField();
```

```
g04.setAlignment(Pos.CENTER);  
g04.add(lf,1,0);  
g04.add(lf6,2,1);  
g04.add(lf1,1,2);  
g04.add(lf2,1,4);  
g04.add(lf3,1,6);  
g04.add(lf4,1,8);  
g04.add(lf5,1,10);  
g04.add(tf1,2,2);  
g04.add(tf2,2,4);  
g04.add(tf3,2,6);  
g04.add(tf4,2,8);  
g04.add(tf5,2,10);  
g04.add(bf1,2,12);
```

```
Scene sco=new Scene(g04,500,500);
```



```
GridPane gy=new GridPane();  
Label lsa=new Label("Your Order");  
lsa.setFont(Font.font(20));  
Label lo1=new Label("Username: ");  
Label lo2=new Label("Restaurant: ");  
Label lo3=new Label("Food: ");  
Label lo4=new Label("Quantity: ");  
Label lo11=new Label();  
Label lo12=new Label();  
Label lo13=new Label();  
Label lo14=new Label();  
Button btd=new Button("Delete Order");  
gy.setAlignment(Pos.CENTER);  
gy.add(lsa, 1, 0);  
gy.add(lo1, 1, 2);  
gy.add(lo2, 1, 4);  
gy.add(lo3, 1, 6);  
gy.add(lo4, 1, 8);  
gy.add(lo11, 2, 2);  
gy.add(lo12, 2, 4);  
gy.add(lo13, 2, 6);  
gy.add(lo14, 2, 8);  
gy.add(btd, 2, 10);
```

```
Scene scor=new Scene(gy,500,500);
```

```
GridPane gh=new GridPane();
```

```
Label lg=new Label("Your Order Was Deleted Successfully");
```

```
Button nh=new Button("Home");
```

```
gh.setAlignment(Pos.CENTER);
```

```
gh.add(lg,1,1);
```

```
gh.add(nh,1,2);
```

```
Scene dv=new Scene(gh,500,500);
```

```
GridPane qw=new GridPane();
```

```
Label qw1=new Label("Your Order Was Placed Successfully");
```

```
Button qw2=new Button("Home");
```

```
qw.setAlignment(Pos.CENTER);
```

```
qw.add(qw1,1,1);
```

```
qw.add(qw2,1,2);
```

```
Scene dv12=new Scene(qw,500,500);
```

```
nh.setOnAction(e->{  
    s.setScene(sch);  
    s.show();  
});
```

```
qw2.setOnAction(e->{
```

```
s.setScene(sch);

s.show();

});

btd.setOnAction(e->{

    String u=txt.getText();

    String url="jdbc:derby://localhost:1527/DA";

    String name="root";

    String pass="1234";

    Connection con = null;

    try {

        con = DriverManager.getConnection(url,name,pass);

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    Statement ste=null;

    try {

        ste = con.createStatement();

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    String w="delete from ORDERS where U_NAME='"+u+"'";

    try {

        int x1=ste.executeUpdate(w);
```

```
    } catch (SQLException ex) {  
        System.out.println(ex);  
    }
```

```
    s.setScene(dv);  
    s.show();  
});
```

```
b1.setOnAction( e->{  
    String s1=t1.getText();  
    txt.setText(s1);  
    String s2=t2.getText();  
    String s3=t3.getText();  
    String s4=t4.getText();  
    String url="jdbc:derby://localhost:1527/DA";  
    String name="root";  
    String pass="1234";  
    Connection con = null;  
  
    try {  
  
        con = DriverManager.getConnection(url,name,pass);  
    } catch (SQLException ex) {  
        System.out.println(ex);
```

```

    }

    Statement ste=null;

    try {

        ste = con.createStatement();

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    String w="insert into USER_DETAILS values('"+s1+"','"+s2+"','"+s3+"','"+s4+"')";

    try {

        int x1=ste.executeUpdate(w);

    } catch (SQLException ex) {

        System.out.println(ex);

    }


    s.setScene(sca1);

    s.show();

});

b2.setOnAction(e->

{

    s.setScene(ss1);

```

```
s.show();

});

ba1.setOnAction(e->
{
    String s1=txt.getText();
    String s2=ta1.getText();
    String s3=ta2.getText();
    String s4=ta3.getText();
    String url="jdbc:derby://localhost:1527/DA";
    String name="root";
    String pass="1234";
    Connection con = null;

    try {

        con = DriverManager.getConnection(url,name,pass);
    } catch (SQLException ex) {
        System.out.println(ex);
    }
    Statement ste=null;
    try {
        ste = con.createStatement();
    } catch (SQLException ex) {
        System.out.println(ex);
    }
}
```

```

    }

    String w="insert into USER_ADDRESS values('"+s1+"','"+s2+"','"+s3+"','"+s4+"')";

    try {

        int x1=ste.executeUpdate(w);

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    s.setScene(sch);

    s.show();

});

bl1.setOnAction(e->
{

    int error=0;

    String n1=ts1.getText();

    txt.setText(n1);

    String n2=ts2.getText();

    if(n1.equals(""))

    {

        ls5.setText("Enter UserName");

        error=1;

        s.setScene(ss1);

        s.show();

    }

    if(n2.equals(""))

```

```
{  
ls5.setText("Enter Password");  
error=1;  
s.setScene(ss1);  
s.show();  
}
```

```
if(n1.equals("") && n2.equals(""))  
{  
ls5.setText("Enter UserName and Password");  
error=1;  
s.setScene(ss1);  
s.show();  
}
```

```
String url="jdbc:derby://localhost:1527/DA";
```

```
String name="root";
```

```
String pass="1234";
```

```
Connection con = null;
```

```
try {
```

```
con = DriverManager.getConnection(url,name,pass);
```

```
} catch (SQLException ex) {
```

```
System.out.println(ex);
```



```
    }

    Statement ste=null;

    try {

        ste = con.createStatement();

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    String w="select * from USER_DETAILS where USERNAME='"+n1+"'";

    try {

        ResultSet rs = (ResultSet)ste.executeQuery(w);

        String pa="";

        System.out.println(rs.next());

        pa=rs.getString("PASS");

        if(!(n2.equals(pa)))

        {

            ls5.setText("Invalid User Name and Password");

            error=1;

            s.setScene(ss1);

            s.show();

        }

    } catch (SQLException ex) {

        System.out.println(ex);

    }

}
```

```
        if(error==0){  
            s.setScene(sch);  
            s.show();  
        }  
    });  
    TextField fd=new TextField();  
    bs1.setOnAction(e->  
    {  
        fd.setText("1");  
        s.setScene(sco);  
        s.show();  
    });  
  
    bs2.setOnAction(e->  
    {  
        fd.setText("2");  
        s.setScene(sco);  
        s.show();  
    });  
  
    bs3.setOnAction(e->  
    {  
        fd.setText("3");  
        s.setScene(sco);  
        s.show();  
    });
```

```
});
```

```
bs4.setOnAction(e->
```

```
{
```

```
    fd.setText("4");
```

```
    s.setScene(sco);
```

```
    s.show();
```

```
});
```

```
bs5.setOnAction(e->
```

```
{
```

```
    fd.setText("5");
```

```
    s.setScene(sco);
```

```
    s.show();
```

```
});
```

```
bf1.setOnAction(e->{
```

```
    String sf=tf1.getText();
```

```
    String af1=tf2.getText();
```

```
    String af2=tf3.getText();
```

```
    String af3=tf4.getText();
```

```
    String af4=tf5.getText();
```

```
    String aw=fd.getText();
```

```
String s1=txt.getText();  
String s2="";  
if(aw.equals("1"))  
{  
    s2="A-Restaurant";  
}  
if(aw.equals("2"))  
{  
    s2="B-Restaurant";  
}  
if(aw.equals("3"))  
{  
    s2="C-Restaurant";  
}  
if(aw.equals("4"))  
{  
    s2="D-Restaurant";  
}  
if(aw.equals("5"))  
{  
    s2="E-Restaurant";  
}  
String url="jdbc:derby://localhost:1527/DA";  
String name="root";  
String pass="1234";
```

```
Connection con = null;

if(!sf.equals(""))

{

    try {

        con = DriverManager.getConnection(url,name,pass);

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    Statement ste=null;

    try {

        ste = con.createStatement();

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    String s3="A-FOOD";

    String w="insert into ORDERS values('"+s1+"','"+s2+"','"+s3+"','"+sf+"')";

    try {

        int x1=ste.executeUpdate(w);

    } catch (SQLException ex) {

        System.out.println(ex);

    }

}

if(!af1.equals(""))
```

```

{
    try {

        con = DriverManager.getConnection(url,name,pass);

        } catch (SQLException ex) {

            System.out.println(ex);

        }

        Statement ste=null;

        try {

            ste = con.createStatement();

        } catch (SQLException ex) {

            System.out.println(ex);

        }

        String s3="B-FOOD";

        String w="insert into ORDERS values('"+s1+"','"+s2+"','"+s3+"','"+af1+")";

        try {

            int x1=ste.executeUpdate(w);

        } catch (SQLException ex) {

            System.out.println(ex);

        }

    }

    if(!af2.equals(""))

    {

        try {

```

```

        con = DriverManager.getConnection(url,name,pass);
    } catch (SQLException ex) {
        System.out.println(ex);
    }

    Statement ste=null;

    try {
        ste = con.createStatement();
    } catch (SQLException ex) {
        System.out.println(ex);
    }

    String s3="C-FOOD";

    String w="insert into ORDERS values('"+s1+"','"+s2+"','"+s3+"','"+af2+"')";

    try {
        int x1=ste.executeUpdate(w);
    } catch (SQLException ex) {
        System.out.println(ex);
    }
}

if(!af3.equals(""))
{
    try {

        con = DriverManager.getConnection(url,name,pass);

```

```

        } catch (SQLException ex) {

            System.out.println(ex);

        }

        Statement ste=null;

        try {

            ste = con.createStatement();

        } catch (SQLException ex) {

            System.out.println(ex);

        }

        String s3="D-FOOD";

        String w="insert into ORDERS values('"+s1+"','"+s2+"','"+s3+"','"+af3+"')";

        try {

            int x1=ste.executeUpdate(w);

        } catch (SQLException ex) {

            System.out.println(ex);

        }

    }

    if(!af4.equals(""))

    {

        try {

            con = DriverManager.getConnection(url,name,pass);

        } catch (SQLException ex) {

            System.out.println(ex);

```



```

    }

    Statement ste=null;

    try {

        ste = con.createStatement();

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    String s3="E-FOOD";

    String w="insert into ORDERS values('"+s1+"','"+s2+"','"+s3+"','"+af4+"')";

    try {

        int x1=ste.executeUpdate(w);

    } catch (SQLException ex) {

        System.out.println(ex);

    }

    }

    s.setScene(dv12);

    s.show();

}

);

bv.setOnAction(e->{

    String u=txt.getText();

    String url="jdbc:derby://localhost:1527/DA";

    String name="root";

    String pass="1234";

```

```
Connection con = null;

try {

    con = DriverManager.getConnection(url,name,pass);
} catch (SQLException ex) {

    System.out.println(ex);
}

Statement ste=null;

try {

    ste = con.createStatement();
} catch (SQLException ex) {

    System.out.println(ex);
}

String w="select * from ORDERS where U_NAME='"+u+"'";

try {

    ResultSet rs = (ResultSet)ste.executeQuery(w);

    System.out.println(rs.next());

    lo11.setText(rs.getString("U_NAME"));

    lo12.setText(rs.getString("RESTAURANT"));

    lo13.setText(rs.getString("FOOD"));

    lo14.setText(rs.getString("QUANTITY"));

    s.setScene(scor);

    s.show();

} catch (SQLException ex) {
```

```
        System.out.println(ex);  
    }  
}  
);  
}  
}
```

Riyag food delivery

Sign up

Username:

Password:

Contact No:

E-mail:

Have a Account?

## Sing-Up:

Riyag food delivery  
Sign up

Username:

Password:

Contact No:

E-mail:

Have a Account?

SELECT \* FROM ROOT.USER\_D... X

Max. rows: 100 | Fetched Rows: 2 | Matching Rows:

#	USERNAME	PASS	C_NUMBER	EMAIL
1	Sivaganesh	1234	9003804399	siva@gmail.com
2	JAYAPRAKASH_K	12345	9003804399	prakashkan99@gmail.com

## Setting Delivery Address:

Set Delivery Address

Area:

Location of Area:

Area PIN:

Max. rows: 100   Fetched Rows: 2   Matching Rows:				
#	U_NAME	LOCATION	AREA	PIN
1	JAYAPRAKASH_K	All Mart	VIT	632009
2	Sivaganesh	VIT	KATPADI	1243

## Selecting Restaurant:

View Your Previous Orders

Select Your Restaurant

1. A-restaurant

2. B-restaurant

3. C-restaurant

4. D-restaurant

5. E-restaurant

## Selecting Food and Quantity:

Select Your Food

Enter Quantity

1. A-dish

2. B-dish

3. C-dish

4. D-dish

5. E-dish

Your Order Was Placed Successfully

[Home](#)

SELECT * FROM ROOT.ORDERS... X				
Max. rows: 100   Fetched Rows: 1   Matching Rows: <input type="text"/>				
#	U_NAME	RESTAURANT	FOOD	QUANTITY
1	JAYAPRAKASH_K	D-Restaurant	C-FOOD	5

### View and Deleting Orders:

#### Your Order

Username: JAYAPRAKASH\_K  
Restaurant: D-Restaurant  
Food: C-FOOD  
Quantity: 5

[Delete Order](#)

Your Order Was Deleted Successfully

[Home](#)

SELECT * FROM ROOT.ORDERS... X				
Max. rows: 100   Fetched Rows: 0   Matching Rows:				
#	U_NAME	RESTAURANT	FOOD	QUANTITY

## User Authentication (Log-In validation)

### 1) Empty Fields

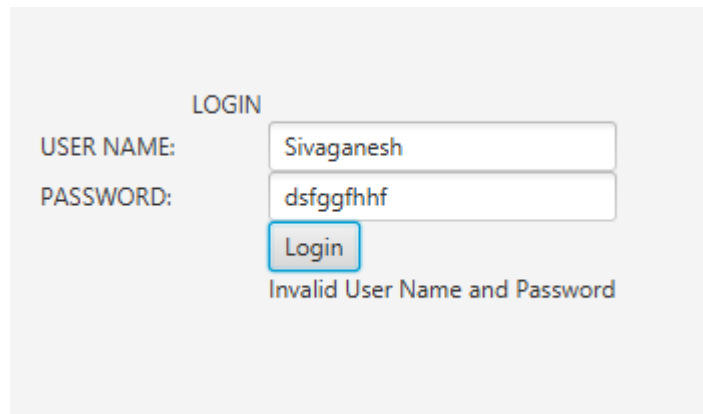
LOGIN

USER NAME:

PASSWORD:

Enter UserName and Password

## 2) wrong Username or Password



A login form titled "LOGIN" with two input fields: "USER NAME:" containing "Sivaganesh" and "PASSWORD:" containing "dsfggfhhf". A blue "Login" button is positioned below the password field. Below the button, the text "Invalid User Name and Password" is displayed in red.

LOGIN

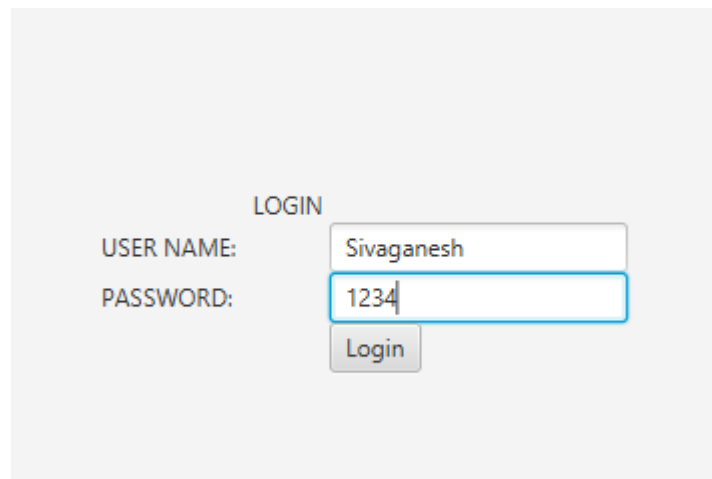
USER NAME: Sivaganesh

PASSWORD: dsfggfhhf

Login

Invalid User Name and Password

## 3) Valid Username and Password



A login form titled "LOGIN" with two input fields: "USER NAME:" containing "Sivaganesh" and "PASSWORD:" containing "1234". A grey "Login" button is positioned below the password field.

LOGIN

USER NAME: Sivaganesh

PASSWORD: 1234

Login



View Your Previous Orders

[view](#)

Select Your Restaurant

1. A-restaurant

[Select](#)

2. B-restaurant

[Select](#)

3. C-restaurant

[Select](#)

4. D-restaurant

[Select](#)

5. E-restaurant

[Select](#)