

Tutorial 3

Cash Register

Case Study:

Based on Figure 1, create a form that will calculate the item sale. Use the appropriate data type and variables name. Your output should be as in Figure 2

The screenshot shows a Java Swing window titled "Exercise 3: Calculation". The window contains the following elements:

- Date:** A dropdown menu showing "Tuesday" and "July".
- Customer Info:** A section containing a "Name:" label and a text input field, and a "Contact Num:" label and a text input field.
- Items Sale:** A section with a table structure:

Items	Price
<input type="text"/>	<input type="text" value="0"/>
<input type="text"/>	<input type="text" value="0"/>
<input type="text"/>	<input type="text" value="0"/>
- Buttons:** "New Item", "print bill", "Exit", and "Calculate".
- Output Area:** A large empty rectangular area on the right side of the window.

Figure 1

The output:

The screenshot shows a Windows application window titled "Exercise 3: Calculation". The window has a blue title bar with standard Windows window controls (minimize, maximize, close). The main content area is light beige and contains several sections:

- Date:** A dropdown menu showing "Tuesday" and "July".
- Customer Info:** A section with three text boxes: "Name:" containing "Hamlee Erwan", "Contact Num:" containing "018-9966778", and "Name:" containing "Hamlee Erwan".
- Items Sale:** A table with two columns: "Items" and "Price". It contains three rows: "shampoo" with price "8", "body wash" with price "10", and "cleanser" with price "9".
- Buttons:** "New Item", "print bill" (highlighted with a dashed border), and "Exit".
- Summary:** A text box showing "RM27" and a "Calculate" button.
- Summary Panel:** A white panel on the right containing: "NAME : Hamlee Erwan", "TEL NO : 018-9966778", a table with "ITEMS" and "PRICE" (shampoo: 8, body wash: 10, cleanser: 9), and "TOTAL : RM27".

Figure 2

CODING:

```
Public Class Form2
```

```
Private Sub btncalculate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btncalculate.Click
```

```
Dim total As Double
```

```
total = Cdbl(txtprice1.Text) + Cdbl(txtprice2.Text) + Cdbl(txtprice3.Text)
```

```
txttotal.Text = "RM" & total.ToString
```

```
End Sub
```

```
Private Sub btnexit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnexit.Click
```

```
End
```

```
End Sub
```

```
Private Sub btnnew_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnnew.Click
```

```
txtname.Text = ""  
maskedtel.Text = ""  
txtitem1.Text = ""  
txtitem2.Text = ""  
txtitem3.Text = ""  
txtprice1.Text = "0"  
txtprice2.Text = "0"  
txtprice3.Text = "0"  
txttotal.Text = ""  
lstbill.Items.Clear()
```

```
End Sub
```

```
Private Sub btnprint_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnprint.Click
```

```
lstbill.Items.Add("NAME : " & txtname.Text)  
lstbill.Items.Add("TEL NO : " & maskedtel.Text)  
lstbill.Items.Add("")  
lstbill.Items.Add("")  
lstbill.Items.Add("ITEMS PRICE")  
lstbill.Items.Add("")  
lstbill.Items.Add(txtitem1.Text & " " & txtprice1.Text)  
lstbill.Items.Add(txtitem2.Text & " " & txtprice2.Text)  
lstbill.Items.Add(txtitem3.Text & " " & txtprice3.Text)  
lstbill.Items.Add("")  
lstbill.Items.Add("TOTAL : " & txttotal.Text)
```

```
End Sub
```

```
End Class
```




LAB SHEET 3



Purchase Order Form

Salwa's Cake Bakery



Tuesday, July 28, ▾

Personal Information

Name:


Address:

Contact Num: 014-5666777

Shipment Information

Shipment Via:

Shipment To:

	Types of Cake	Quantity	Price/Kg	Total Price
	<input checked="" type="checkbox"/> Chocolate Cake	<input type="text" value="3"/>	\$40.00	\$120.00
	<input type="checkbox"/> Sponge Cake	<input type="text" value="0"/>	\$0.00	\$0.00
	<input type="checkbox"/> Cheese Cake	<input type="text" value="0"/>	\$0.00	\$0.00
	<input type="checkbox"/> Fruit Cake	<input type="text" value="0"/>	\$0.00	\$0.00

Calculate

Reset

Print

Exit

Grand Total

\$120.00

Purchase Order Form

Salwa's Cake Bakery

Tuesday . July 28, ▾

Personal Information

Name


Address

Contact Num

Warning

! Are you sure to clear all the records?

Yes No

	Types of Cake	Quantity	Price/Kg	Total Price
	<input checked="" type="checkbox"/> Chocolate Cake	<input type="text" value="3"/>	\$40.00	\$120.00
	<input type="checkbox"/> Sponge Cake	<input type="text" value="0"/>	\$0.00	\$0.00
	<input type="checkbox"/> Cheese Cake	<input type="text" value="0"/>	\$0.00	\$0.00
	<input type="checkbox"/> Fruit Cake	<input type="text" value="0"/>	\$0.00	\$0.00

Calculate

Reset

Print

Exit

Grand Total

\$120.00

Coding for button reset. Click reset button then will appear message box :

```
Private Sub btnnclear_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnnclear.Click
```

```
    Dim warning As String
```

```
    warning = MsgBox("Are you sure to clear all the records?",
Microsoft.VisualBasic.MsgBoxStyle.Exclamation +
Microsoft.VisualBasic.MsgBoxStyle.YesNo, "Warning")
```

```
    If warning = vbYes Then
```

```
        chkchocolate.Checked = False
```

```
        chkfruit.Checked = False
```

```
        chksponge.Checked = False
```

```
        chkcheese.Checked = False
```

```
picchocolate.Visible = False
picfruit.Visible = False
picsponge.Visible = False
piccheese.Visible = False

txtchocolate.Text = FormatNumber(0, 0)
txtfruit.Text = FormatNumber(0, 0)
txtsponge.Text = FormatNumber(0, 0)
txtcheese.Text = FormatNumber(0, 0)

lblchocolate.Text = FormatCurrency(0, 2)
lblfruit.Text = FormatCurrency(0, 2)
lblpricecheese.Text = FormatCurrency(0, 2)
lblpricesponge.Text = FormatCurrency(0, 2)

lbltotalchocolate.Text = FormatCurrency(0, 2)
lbltotalfruit.Text = FormatCurrency(0, 2)
lbltotalcheese.Text = FormatCurrency(0, 2)
lbltotalsponge.Text = FormatCurrency(0, 2)

txtname.Text = ""
txtaddress.Text = ""
Maskedcontact.Text = ""
lbltotal.Text = ""
```

End If

End Sub




Print Purchase

DATE : 07-28-2009
NAME : ALIZA RASHID
ADDRESS : FSKKP, UNIVERSITI MALAYSIA PAHANG

TYPES OF CAKE	QUANTITY	PRICE
Chocolate Cake	3	\$120.00
Sponge Cake	0	\$0.00
Cheese Cake	0	\$0.00
Fruit Cake	0	\$0.00

TOTAL AMOUNT : \$120.00



Home

Exit