

Online Pizza Order Interface

Design the user interface below that can be used for online Pizza Order

The screenshot shows a Windows Form titled "Form1" with a standard Windows XP-style title bar. The form is divided into three main sections by group boxes. The first section, "GroupBox1", contains three radio buttons labeled "RadioButton1", "RadioButton2", and "RadioButton3". The second section, "GroupBox2", contains two radio buttons labeled "RadioButton4" and "RadioButton5". The third section, "GroupBox3", contains six checkboxes labeled "CheckBox1" through "CheckBox6" arranged in two columns, and two radio buttons labeled "RadioButton6" and "RadioButton7" at the bottom. At the very bottom of the form are two buttons labeled "Button1" and "Button2".

Set the following properties:

Form1:

Name frmPizza
FormBorderStyle FixedSingle
StartPosition CenterScreen
Text Pizza Order

GroupBox1:

Text Size

GroupBox2:

Text Crust Type

GroupBox3

Text Toppings

RadioButton1:

Name rdoSmall
Checked True
Text Small

RadioButton2:

Name rdoMedium
Text Medium

RadioButton3:

Name rdoLarge
Text Large

RadioButton4:

Name rdoThin
Checked True
Text Thin Crust

RadioButton5:

Name rdoThick
Text Thick Crust

RadioButton6:

Name rdoIn
Checked True
Text Eat In

RadioButton7:

Name rdoOut
Text Take Out

CheckBox1:

Name chkCheese
Text Extra Cheese

CheckBox2:

Name chkMushrooms
Text Mushrooms

CheckBox3:

Name chkOlives
Text Black Olives

CheckBox4:

Name chkOnions
Text Onions

CheckBox5:

Name chkPeppers
Text Green Peppers

CheckBox6:

Name chkTomatoes
Text Tomatoes

Button1:

Name btnBuild
Text &Build Pizza

Button2:

Name btnExit
Text E&xit

Code:

Form Level scope variable declaration

Dim PizzaSize As String

Dim PizzaCrust As String

Dim PizzaWhere As String

Dim Topping(6) As CheckBox

Private Sub frmPizza_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

 'Initialize parameters

 PizzaSize = rdoSmall.Text

 PizzaCrust = rdoThin.Text

 PizzaWhere = rdoIn.Text

 'Define an array of topping check boxes

 Topping(1) = chkCheese

 Topping(2) = chkMushrooms

 Topping(3) = chkOlives

 Topping(4) = chkOnions

 Topping(5) = chkPeppers

 Topping(6) = chkTomatoes

End Sub

Private Sub rdoSize_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles rdoSmall.CheckedChanged, rdoMedium.CheckedChanged, rdoLarge.CheckedChanged

 Dim rdoSize As RadioButton

 'Determine which button was clicked and change size

 rdoSize = CType(sender, RadioButton)

 PizzaSize = rdoSize.Text

End Sub

Private Sub rdoCrust_CheckedChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles rdoThin.CheckedChanged, rdoThick.CheckedChanged

 Dim rdoCrust As RadioButton

 'Determine which button was clicked and change crust

 rdoCrust = CType(sender, RadioButton)

 PizzaCrust = rdoCrust.Text

End Sub

Private Sub rdoWhere_CheckedChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles rdoIn.CheckedChanged, rdoOut.CheckedChanged

 Dim rdoWhere As RadioButton

 'Determine which button was clicked and change where

 rdoWhere = CType(sender, RadioButton)

 PizzaWhere = rdoWhere.Text

End Sub

Private Sub btnBuild_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBuild.Click

'This procedure builds a message box that displays your pizza type

Dim Message As String

Dim I As Integer

Message = PizzaWhere + ControlChars.Cr

Message += PizzaSize + " Pizza" + ControlChars.Cr

Message += PizzaCrust + ControlChars.Cr

'Check each topping using the array we set up

For I = 1 To 6

If Topping(I).Checked Then

Message += Topping(I).Text + ControlChars.Cr

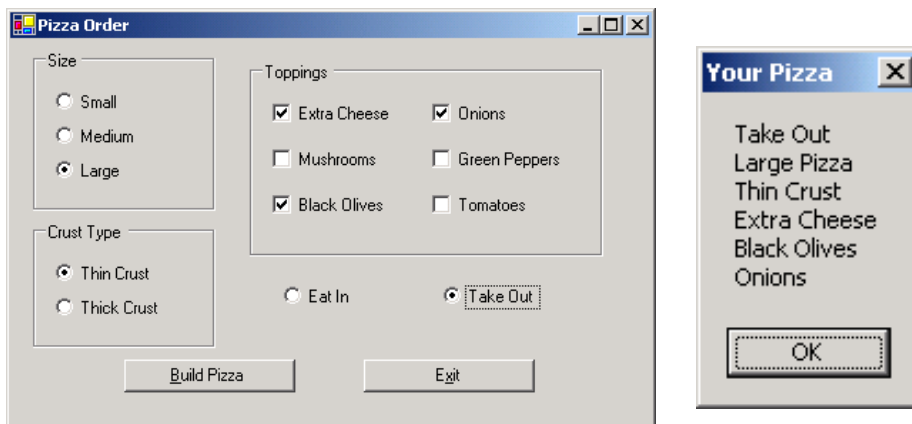
End If

Next I

MessageBox.Show(Message, "Your Pizza", MessageBoxButtons.OK)

End Sub

Output



1. Add a new program button that resets the order form to the initial default values. You'll have to reinitialize the three global variables, reset all check boxes to unchecked, and reset all three radio button groups to their default values.
2. Modify the code so that if no toppings are selected, the message "Cheese Only" appears on the order form. You'll need to figure out a way to see if no check boxes were checked.