Partial Class Tarea5
    Inherits System.Web.UI.Page
(más abajo se indica esta parte del código refactorizada)**

    Protected Sub chkChuches_CheckedChanged(sender As Object, e As System.EventArgs) Handles CheckBox1.CheckedChanged
        If CheckBox1.Checked = True Then
            lstCarrito.Items.Add(CheckBox1.Text)
        Else
            lstCarrito.Items.Remove(CheckBox1.Text)
        End If
    End Sub

    Protected Sub chkVasos_CheckedChanged(sender As Object, e As System.EventArgs) Handles CheckBox2.CheckedChanged
        If CheckBox2.Checked = True Then
            lstCarrito.Items.Add(CheckBox2.Text)
        Else
            lstCarrito.Items.Remove(CheckBox2.Text)
        End If
    End Sub

    Protected Sub chkServilletas_CheckedChanged(sender As Object, e As System.EventArgs) Handles CheckBox3.CheckedChanged
        If CheckBox3.Checked = True Then
            lstCarrito.Items.Add(CheckBox3.Text)
        Else
            lstCarrito.Items.Remove(CheckBox3.Text)
        End If
    End Sub

    Protected Sub chkTurron_CheckedChanged(sender As Object, e As System.EventArgs) Handles CheckBox4.CheckedChanged
        If CheckBox4.Checked = True Then

```
    Protected Sub Button3_Click(sender As Object, e As System.EventArgs) Handles Button3.Click
        Dim objetos(3) As CheckBox
        objetos(0) = CheckBox1
        objetos(1) = CheckBox2
        objetos(2) = CheckBox3
        objetos(3) = CheckBox4

        For i = lstCarrito.Items.Count - 1 To 0 Step -1
            If lstCarrito.Items(i).Selected Then
                For z = objetos.Length - 1 To 0 Step -1
                    If lstCarrito.Items(i).Text = objetos(z).Text Then
                        objetos(z).Checked = False
                    End If
                Next
                lstCarrito.Items.RemoveAt(i)
            End If
        Next
    End Sub

    Protected Sub btnLimpiar_Click(sender As Object, e As System.EventArgs) Handles
btnLimpiar.Click
        lstCarrito.Items.Clear()
        CheckBox1.Checked = False
        CheckBox2.Checked = False
        CheckBox3.Checked = False
        CheckBox4.Checked = False
    End Sub

    Protected Sub DropDownList1_Load(sender As Object, e As System.EventArgs) Handles
DropDownList1.Load
        If Not Page.IsPostBack Then
            DropDownList1.Items.Add("Contrareembolso")
            DropDownList1.Items.Add("Tarjeta de crédito")
            DropDownList1.Items.Add("Tarjeta de débito")
            DropDownList1.Items.Add("Transferencia")
        End If

    End Sub
End Class
```

Refactorizando el código anteriormente señalado:

```vbnet
Partial Class Tarea5
    Inherits System.Web.UI.Page

    Protected Sub chx_CheckedChanged(sender As Object, e As EventArgs)
        Dim chb As CheckBox = sender
        If chb.Checked Then
            ListBox1.Items.Add(chb.Text)
        Else
            ListBox1.Items.Remove(chb.Text)
        End If
    End Sub

    Protected Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Dim objetos(3) As CheckBox
        objetos(0) = chxArroz
        objetos(1) = chxHuevos
        objetos(2) = chxTomate
        objetos(3) = chxMacarrones

        For i = ListBox1.Items.Count - 1 To 0 Step -1
            If ListBox1.Items(i).Selected Then
                For z = objetos.Length - 1 To 0 Step -1
                    If ListBox1.Items(i).Text = objetos(z).Text Then
                        objetos(z).Checked = False
                    End If
                Next
                ListBox1.Items.RemoveAt(i)
            End If
        Next

    End Sub

    Protected Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        chxArroz.Checked = False
        chxHuevos.Checked = False
        chxTomate.Checked = False
        chxMacarrones.Checked = False
        ListBox1.Items.Clear()
    End Sub

    Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load
        If Not Page.IsPostBack Then
            DropDownList1.Items.AddRange({New ListItem("Contrarrembolso"), New ListItem("Tarjeta de crédito"),
                            New ListItem("Tarjeta de débito"), New ListItem("Transferencia")})
        End If
    End Sub
End Class
```

en archivo.aspx ---- cambio aplicado a los controles check
<asp:CheckBox ID="chxArroz" runat="server" Text="Arroz"
<mark>OnCheckedChanged="chx_CheckedChanged"</mark> AutoPostBack="true"/>

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Tarea5.aspx.vb"
Inherits="Tarea5" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>

            <br />
            <asp:Table ID="Table1" runat="server" Height="43px" Width="751px">
                <asp:TableRow>
                    <asp:TableCell><asp:Image ID="Image1" runat="server" Height="200px"
ImageUrl="~/Images/arroz.jpg" Width="200px" /></asp:TableCell>
                    <asp:TableCell><asp:Image ID="Image2" runat="server" Height="200px"
ImageUrl="~/Images/huevos.jpg" Width="200px" /></asp:TableCell>
                    <asp:TableCell><asp:Image ID="Image3" runat="server" Height="200px"
ImageUrl="~/Images/tomate.jpg" Width="200px" /></asp:TableCell>
                    <asp:TableCell><asp:Image ID="Image4" runat="server" Height="200px"
ImageUrl="~/Images/macarrones.jpg" Width="200px" /></asp:TableCell>
                </asp:TableRow>
                <asp:TableRow>
                    <asp:TableCell><asp:CheckBox ID="chxArroz" runat="server" Text="Arroz"
OnCheckedChanged="chx_CheckedChanged" AutoPostBack="true"/></asp:TableCell>
                    <asp:TableCell><asp:CheckBox ID="chxHuevos" runat="server" Text="Huevos"
OnCheckedChanged="chx_CheckedChanged" AutoPostBack="true"/></asp:TableCell>
                    <asp:TableCell><asp:CheckBox ID="chxTomate" runat="server" Text="Tomate"
OnCheckedChanged="chx_CheckedChanged" AutoPostBack="true"/></asp:TableCell>
                    <asp:TableCell><asp:CheckBox ID="chxMacarrones" runat="server" Text="Macarrones"
OnCheckedChanged="chx_CheckedChanged" AutoPostBack="true"/></asp:TableCell>
                </asp:TableRow>
            </asp:Table>
            <br />
            <asp:Label ID="Label1" runat="server" BackColor="#FF6600" Text="CARRITO DE LA
COMPRA"></asp:Label>
            <br />
            <asp:ListBox ID="ListBox1" runat="server" Height="101px" Width="104px"
SelectionMode="Multiple"></asp:ListBox>
```

```
   
    <asp:Button ID="Button1" runat="server" Text="Eliminar seleccionados" />
   
    <asp:Button ID="Button2" runat="server" Text="Limpiar" />
    <br />
    <asp:Label ID="Label2" runat="server" Text="Método de pago"></asp:Label>
   
    <asp:DropDownList ID="DropDownList1" runat="server">
    </asp:DropDownList>
  </div>
 </form>
</body>
</html>
```