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ITDEV-162

## Assignment 3

### Exercise 4-1

```
26
27 private Product GetSelectedProduct()
28 {
29     DataView productsTable = (DataView)
30     AccessDataSource1.Select(DataSourceSelectArguments.Empty);
31     productsTable.RowFilter =
32     "ProductID = '" + ddlProducts.SelectedValue + "'";
33     DataRowView row = (DataRowView)productsTable[0];
34
35     Product p = new Product();
36     p.ProductID = row["ProductID"].ToString();
37     p.Name = row["Name"].ToString();
38     p.ShortDescription = row["ShortDescription"].ToString();
39     p.LongDescription = row["LongDescription"].ToString();
40     p.UnitPrice = (decimal)row["UnitPrice"];
41     p.ImageFile = row["ImageFile"].ToString();
42     return p;
43 }
44
45 protected void btnAdd_Click(object sender, EventArgs e)
46 {
47     CartItemList cart = CartItemList.GetCart();
48     CartItem cartitem = cart[selectedProduct.ProductID];
49
50     if (cartitem == null)
51     {
52         cart.AddItem(selectedProduct, Convert.ToInt32(txtQuantity.Text));
53     }
54     else
55     {
56         cartitem.AddQuantity(Convert.ToInt32(txtQuantity.Text));
57     }
58     Response.Redirect("Cart.aspx");
59 }
```

Watch 1

Name	Value	Type
productsTable.Count	1	int
p.Name = row["Name"].ToString();	This expression causes side effects and will not be evaluated	string
p.Name = row["Name"].ToString();	"Frankenstein"	string

Immediate Window

```
row["Name"].ToString() = "Frankenstein"
The left-hand side of an assignment must be a variable, property or indexer
p.Name = "Frankenstein"
"Frankenstein"
Name = "Frankenstein"
The name 'Name' does not exist in the current context
p.Name = "Frankenstein"
The name 'Frankenstein' does not exist in the current context
p.Name = "Frankenstein"
"Frankenstein"
p.Name = "Frankenstein"
The expression cannot be evaluated while in run mode.
The expression cannot be evaluated while in run mode
; expected
p.Name = "Frankenstein"
"Frankenstein"
```

### Exercise 4-2

**Hippie**

Women's hippie costume

Share the peace and love in this hippie costume straight from the 60's.

**\$79.99 each**

Quantity:

[Add to Cart](#) [Go to Cart](#)

**Request Details**

Session Id:	Time of Request:	Request Encoding:	Request Type:	Status Code:	Response Encoding:
d71eyusibwqjgh13u4dwhng	3/3/2014 8:51:36 PM	Unicode (UTF-8)	POST	200	Unicode (UTF-8)

**Trace Information**

Category	Message	From First(s)	From Last(s)
aspx.page	Begin PreInit	0.000054	0.000054
aspx.page	End PreInit	0.000079	0.000025
aspx.page	Begin Init	0.000128	0.000049
aspx.page	Begin InitComplete	0.000148	0.000020
aspx.page	End InitComplete	0.000168	0.000021
aspx.page	Begin LoadState	0.000185	0.000017
aspx.page	End LoadState	0.000335	0.000150
aspx.page	Begin ProcessPostData	0.000359	0.000024
aspx.page	End ProcessPostData	0.000662	0.000030
aspx.page	Begin PreLoad	0.000700	0.000038
aspx.page	End PreLoad	0.000722	0.000022
aspx.page	Begin Load	0.000741	0.000019
GetSelectedProduct	A new product object has been created.	0.068865	0.068124
aspx.page	End Load	0.068931	0.000065
aspx.page	Begin ProcessPostData Second Try	0.068945	0.000014
aspx.page	End ProcessPostData Second Try	0.068959	0.000014
aspx.page	Begin Raise ChangedEvents	0.068971	0.000012
aspx.page	End Raise ChangedEvents	0.069006	0.000035
btnAdd_Click	Begin RaisePostBackEvent	0.069024	0.000018
btnAdd_Click	A product has been added to the cart.	0.071094	0.000069
aspx.page	End RaisePostBackEvent	0.071164	0.000071
aspx.page	Begin LoadComplete	0.071178	0.000013
aspx.page	End LoadComplete	0.071192	0.000015
aspx.page	Begin PreRender	0.071205	0.000013
aspx.page	End PreRender	0.071250	0.000045
aspx.page	Begin PreRenderComplete	0.071267	0.000017
aspx.page	End PreRenderComplete	0.071280	0.000013
aspx.page	Begin SaveState	0.072001	0.000721
aspx.page	End SaveState	0.072106	0.000105
aspx.page	Begin SaveStateComplete	0.072119	0.000013

```
36     p.ProductID = row["ProductID"].ToString();
37     p.Name = row["Name"].ToString();
38     p.ShortDescription = row["ShortDescription"].ToString();
39     p.LongDescription = row["LongDescription"].ToString();
40     p.UnitPrice = (decimal)row["UnitPrice"];
41     p.ImageFile = row["ImageFile"].ToString();
42
43     if (Trace.IsEnabled)
44     {
45         Trace.Write("GetSelectedProduct", "A new product object has been created.");
46     }
47
48     return p;
49 }
50
51 protected void btnAdd_Click(object sender, EventArgs e)
52 {
53     CartItemList cart = CartItemList.GetCart();
54     CartItem cartItem = cart[selectedProduct.ProductID];
55
56     if (cartItem == null)
57         cart.AddItem(selectedProduct, Convert.ToInt32(txtQuantity.Text));
58     else
59         cartItem.AddQuantity(Convert.ToInt32(txtQuantity.Text));
60     if (Trace.IsEnabled)
61     {
62         Trace.Write("btnAdd_Click", "A product has been added to the cart.");
63     }
64
65     //Response.Redirect("Cart.aspx");
66 }
67
68
```