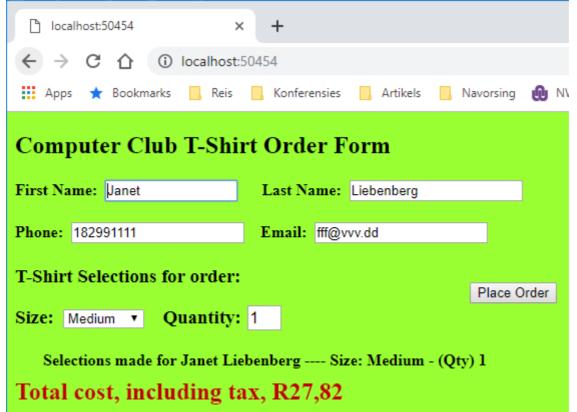# Activity 2

Validation and Dropdownlists

1.1) The computer club is selling T-shirts. Create a website that allows users to enter their first and last names, phone number, and e-mail address. Allow users to select sizes (S, M, L, XL, and XXL) and quantity. Add statements that process the order by calculating the total cost. All shirts except the XXL are R26; the XXL shirt is R30. Retrieve and display the name of the customer placing the order. Display the total cost of their selection including 7% sales tax.

1.2) Design the following Web form. Include a Required field validator for the Last name, a Regular expression validator for the Email and a Range validator for the Quantity (no orders >10).

Web.config	Default.aspx

body

Computer Club T-Shirt Order Form

First Name: [   ]   **Last Name:** [   ]   **Required!**

Phone: [   ]   **Email:** [   ]   **Invalid email address**

T-Shirt Selections for order:

[Place Order]

Size: [Small ▼]   **Quantity:** [1]   **Order too big!**

[lblResult]

[lblTotal]

** Indien jy 'n *jquery*-probleem by die validation ondervind kan jy die volgende kode in die Web.config file bysit net na die \<configuration\> / If you encounter a *jquery* problem with the validation, then you can add the following code in the Web.config file just after \<configuration\>

\<appSettings\>

 \<add key="ValidationSettings:UnobtrusiveValidationMode" value="None" /\>

\</appSettings\>

MEMO

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        txtFirst.Focus();
    }

    protected void btnProcess_Click(object sender, EventArgs e)
    {
        const double xLargePrice = 30.00;
        const double price = 26.00;
        const double TAX = 0.07;

        double total = 0;
        if (ddListSize.SelectedIndex == 4)  //Could also write if ddListSize.SelectedValue.
                                                                  Equals("XX-Large")
            total = xLargePrice * int.Parse(txtQty.Text);
        else
            total = price * int.Parse(txtQty.Text);
        total += total * TAX;

        lblResult.Text = "Selections made for " + txtFirst.Text + " " + txtLast.Text +
            " ---- Size: " + ddListSize.SelectedValue + " - (Qty) " + txtQty.Text;
        lblTotal.Text = "Total cost, including tax, " + total.ToString("c");
    }
}
```