

' Ch 2 Demo datatypes, overflow, mixed mode, Bankers Rounding

```
Public Class Form1
    Inherits System.Windows.Forms.Form
```

Windows Form Designer generated code

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles MyBase.Load
        Dim strMyZip As String = "19610"
        Dim strYourZip As String = "00001"
        'MessageBox.Show(Val(strYourZip))      ' leading zeros only display if its a
string
        Dim intBigNum As Integer = 2147483647
        'MessageBox.Show(intBigNum)           ' overflow occurs if over 2147483647
        Dim intDecimal As Integer = 3.5      ' try 2.5 which does not round since 2 is
even
        'MessageBox.Show(intDecimal)        ' 3.5 rounds up to 4 according to Banker
's Rounding
        Dim intWhole As Integer = 3
        Dim dblDecimal As Double = 0.01
        Dim mystery As Double = 0
        mystery = intWhole + dblDecimal
        data types
        'MessageBox.Show(mystery)           ' which is called mixed mode
        Dim strName As String = "033"
        Dim intNum As Integer = 22
        MessageBox.Show(strName + intNum)    ' 55 displays since strName is
automatically converted to an Integer in VB
    End Sub
End Class
```