**Solving a Quadratic Equation**

**using –b Formula**



Dim A, b, C, Root1, Root2 As Single

Private Sub btnRoots\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRoots.Click

 A = Val(txtA.Text)

 b = Val(txtB.Text)

 C = Val(txtC.Text)

 Root1 = (-b + (((b ^ 2) - 4 \* A \* C)) ^ (1 / 2)) / (2 \* A)

 Root2 = (-b - (((b ^ 2) - 4 \* A \* C)) ^ (1 / 2)) / (2 \* A)

 lblX1.Text = FormatNumber(Root1, 2)

 lblX2.Text = FormatNumber(Root2, 2)

End Sub