实验 1.3

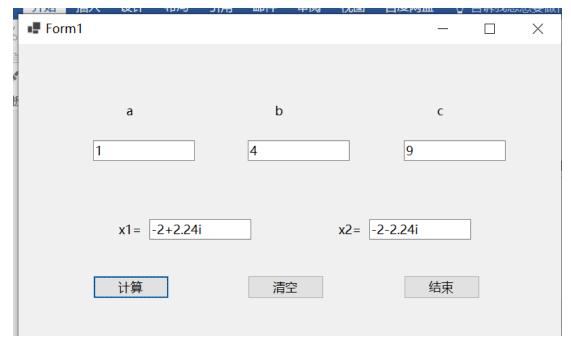
- 一.运行结果
- 1. 计算
- (1) 两个实根

■ Form1			_	×
a	b		С	
1	4	2	<u>)</u>	
	_			
x1= -0.59		x2= -3.41		
计算	清空		结束	

(2) 重根

₽ Form1		_	×
_	L		
a	b	С	
1	4	4	
1		2 = 1	
x1= 2		(2= 重根	
计算	清空	结束	
<u>И Я</u>	旧工	4木	

(3) 两个复根



2. 清空



二.代码说明

1. 计算

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click

Dim a As Double

Dim b As Double

Dim c As Double

Dim d As Double

a = Val(TextBox1.Text)

b = Val(TextBox2.Text)
```

```
c = Val(TextBox3.Text)
        d = b \cdot 2 - 4 * a * c
        If d > 0 Then
            TextBox4. Text = Format((-b + Math. Sqrt(d)) / (2 * a), "0.00")
            TextBox5. Text = Format((-b - Math. Sqrt(d)) / (2 * a), "0.00")
        ElseIf d = 0 Then
            TextBox4. Text = b / (2 * a)
            TextBox5. Text = "重根"
        Else
            TextBox4. Text = -b / (2 * a) & "+" & Format (Math. Sqrt(-d) / (2 * a),
"0.00") & "i"
            TextBox5. Text = -b / (2 * a) & "-" & Format (Math. Sqrt (-d) / (2 * a),
"0.00") & "i"
        End If
    End Sub
2. 清空
    Private Sub Button2 Click (sender As Object, e As EventArgs) Handles Button2. Click
        TextBox1. Text = ""
        TextBox2. Text = ""
        TextBox3. Text = ""
        TextBox4. Text = ""
        TextBox5. Text = ""
    End Sub
3. 结束
    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    End Sub
```