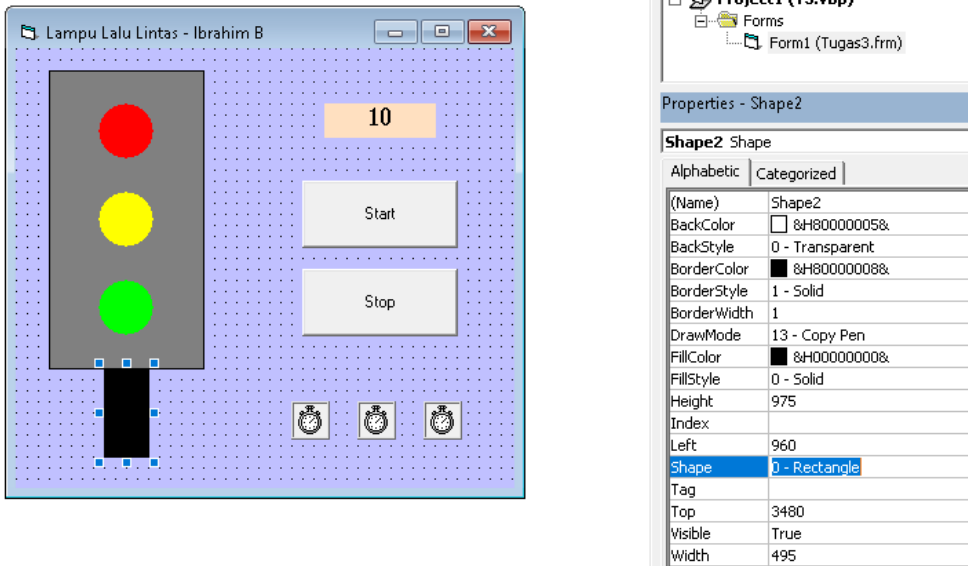
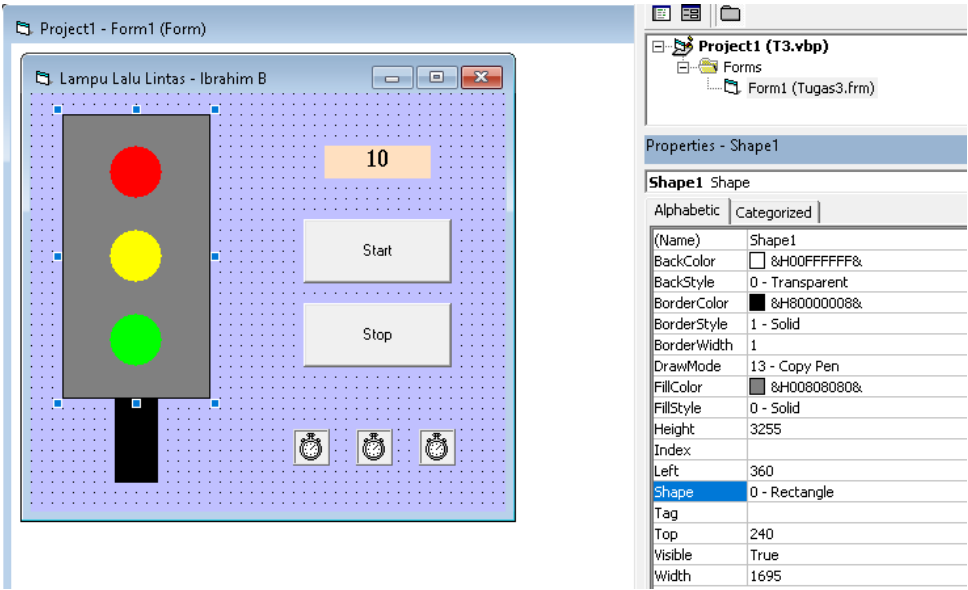
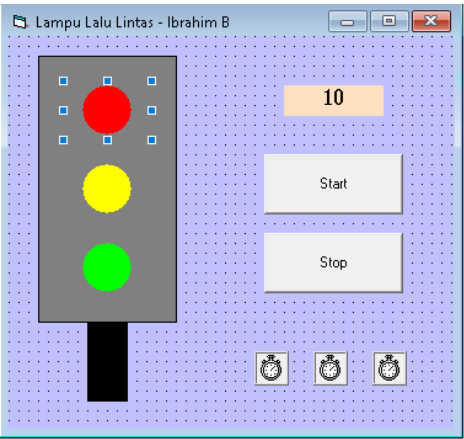


Lampu Lalu Lintas



Merah



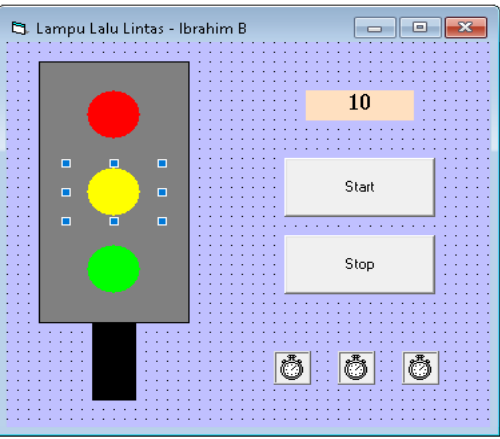
Forms  
Form1 (Tugas3.frm)

Properties - Merah

Merah Shape

Alphabetic	Categorized
(Name)	Merah
BackColor	Red &H000000FF&
BackStyle	1 - Opaque
BorderColor	Black &H80000000&
BorderStyle	0 - Transparent
BorderWidth	1
DrawMode	13 - Copy Pen
FillColor	Black &H00000000&
FillStyle	1 - Transparent
Height	615
Index	
Left	720
Shape	3 - Circle
Tag	
Top	600
Visible	True
Width	975

Kuning



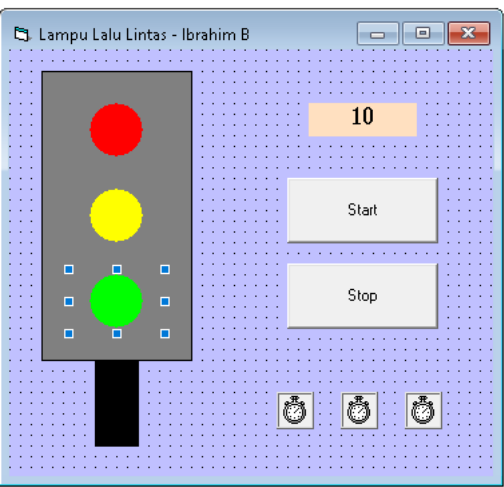
Forms  
Form1 (Tugas3.frm)

Properties - Kuning

Kuning Shape

Alphabetic	Categorized
(Name)	Kuning
BackColor	Yellow &H0000FFFF&
BackStyle	1 - Opaque
BorderColor	Black &H80000000&
BorderStyle	0 - Transparent
BorderWidth	1
DrawMode	13 - Copy Pen
FillColor	Black &H00000000&
FillStyle	1 - Transparent
Height	615
Index	
Left	720
Shape	3 - Circle
Tag	
Top	1560
Visible	True
Width	975

Hijau



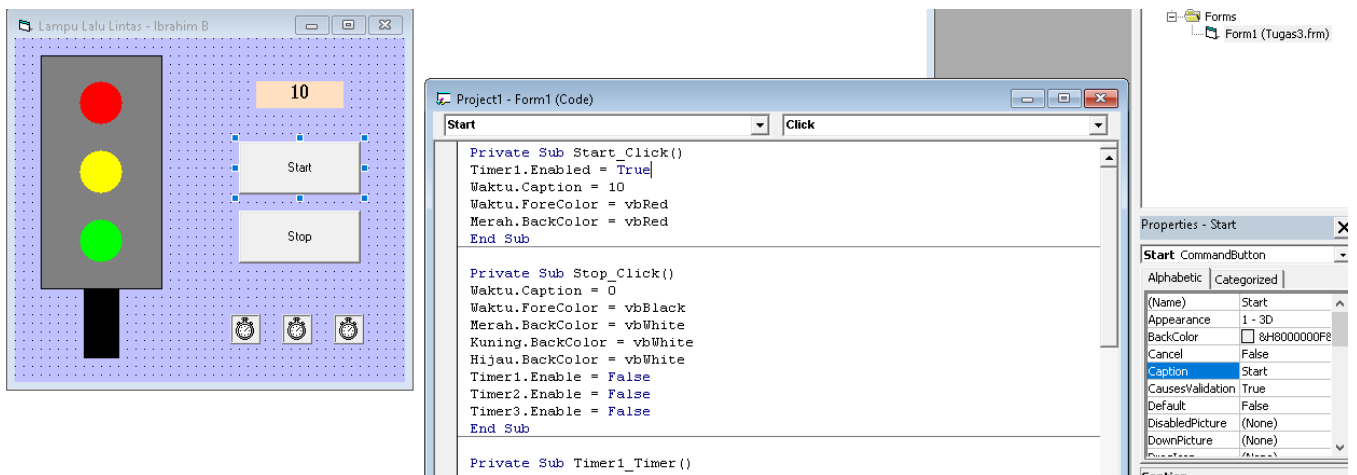
Project (T3.vbp)  
Forms  
Form1 (Tugas3.frm)

Properties - Hijau

Hijau Shape

Alphabetic	Categorized
(Name)	Hijau
BackColor	Green &H0000FF00&
BackStyle	1 - Opaque
BorderColor	Black &H80000000&
BorderStyle	0 - Transparent
BorderWidth	1
DrawMode	13 - Copy Pen
FillColor	Black &H00000000&
FillStyle	1 - Transparent
Height	615
Index	
Left	720
Shape	3 - Circle
Tag	
Top	2520
Visible	True
Width	975

## Start Button



The screenshot shows the Visual Basic IDE with the 'Project1 - Form1 (Code)' window open. The 'Click' event for the 'Start' button is selected. The code in the 'Private Sub Start\_Click()' block sets the timer to 10 seconds and initializes the traffic light colors: Red (vbRed), Yellow (vbYellow), and Green (vbGreen). The 'Stop' button is disabled, and the timer is enabled.

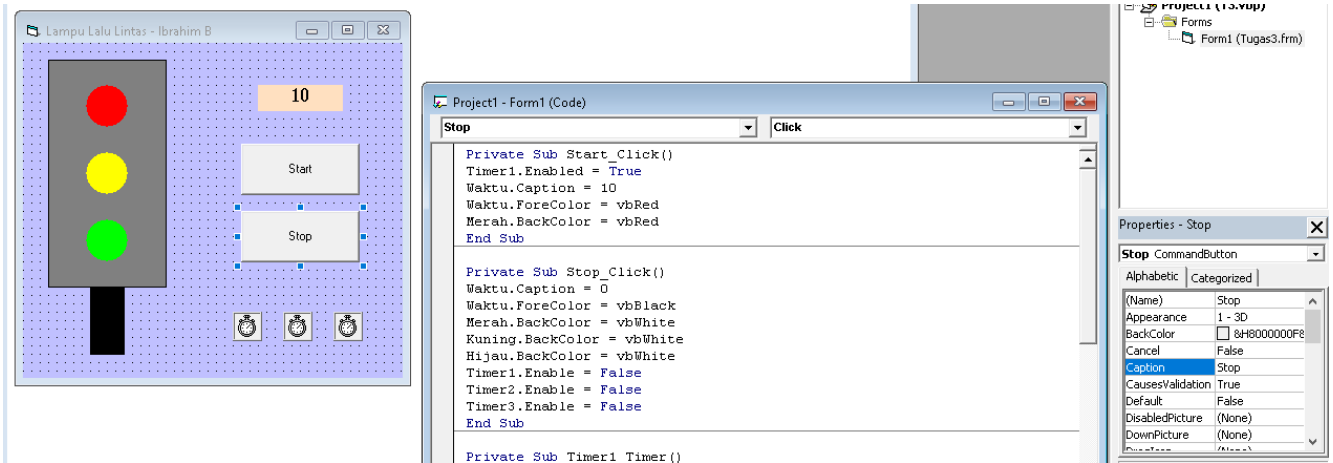
```

Private Sub Start_Click()
    Timer1.Enabled = True
    Waktu.Caption = 10
    Merah.BackColor = vbRed
    Kuning.BackColor = vbYellow
    Hijau.BackColor = vbGreen
    Timer1.Enabled = True
    Timer2.Enabled = False
    Timer3.Enabled = False
End Sub

```

The 'Properties - Start' window is also visible, showing the 'Caption' property set to 'Start'.

## Stop Button



The screenshot shows the Visual Basic IDE with the 'Project1 - Form1 (Code)' window open. The 'Click' event for the 'Stop' button is selected. The code in the 'Private Sub Stop\_Click()' block sets the timer to 0 seconds and initializes the traffic light colors: Red (vbRed), Yellow (vbYellow), and Green (vbGreen). The 'Start' button is disabled, and the timer is disabled.

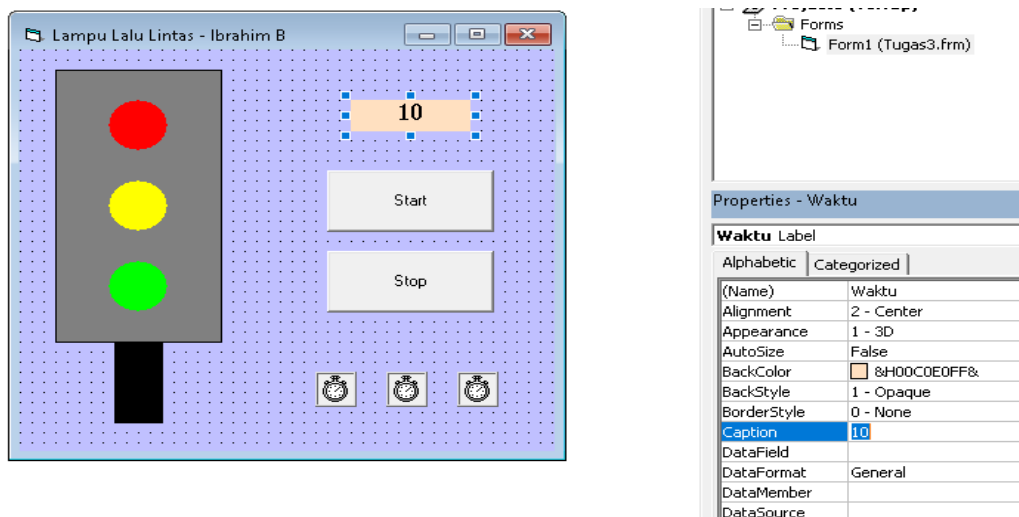
```

Private Sub Stop_Click()
    Waktu.Caption = 0
    Waktu.ForeColor = vbBlack
    Merah.BackColor = vbRed
    Kuning.BackColor = vbYellow
    Hijau.BackColor = vbGreen
    Timer1.Enabled = False
    Timer2.Enabled = False
    Timer3.Enabled = False
End Sub

```

The 'Properties - Stop' window is also visible, showing the 'Caption' property set to 'Stop'.

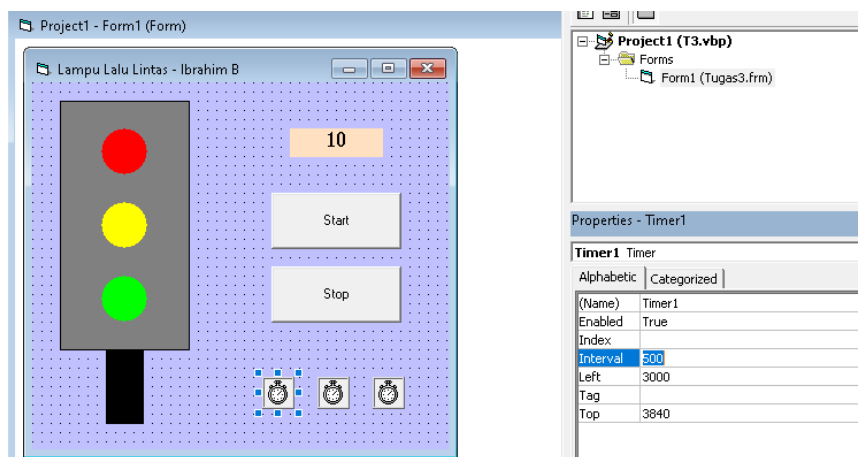
## Label1



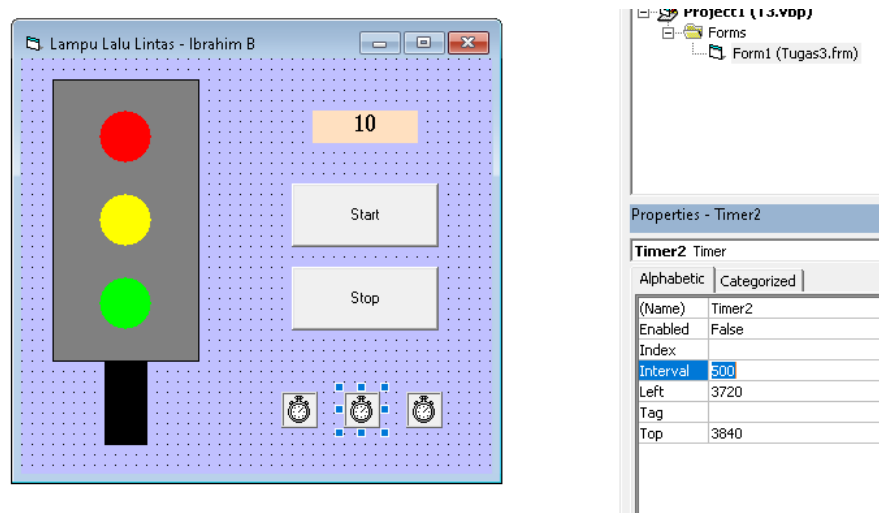
The screenshot shows the Visual Basic IDE with the 'Project1 - Form1 (Code)' window open. The 'Waktu' label is selected. The 'Properties - Waktu' window is visible, showing the 'Caption' property set to '10'.

Properties - Waktu	
Waktu Label	
Alphabetic	Categorized
(Name)	Waktu
Alignment	2 - Center
Appearance	1 - 3D
AutoSize	False
BackColor	8H00C0E0FF&
BackStyle	1 - Opaque
BorderStyle	0 - None
Caption	10
DataField	
DataFormat	General
DataMember	
DataSource	

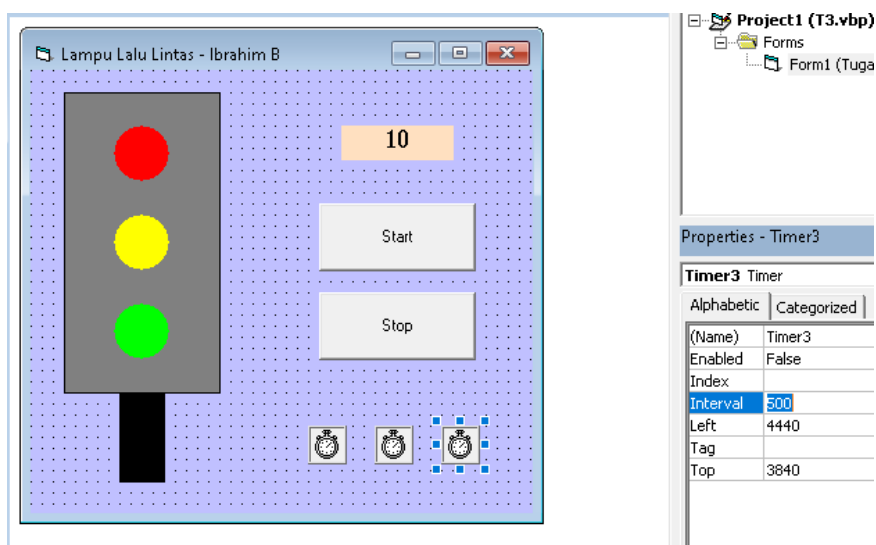
T1



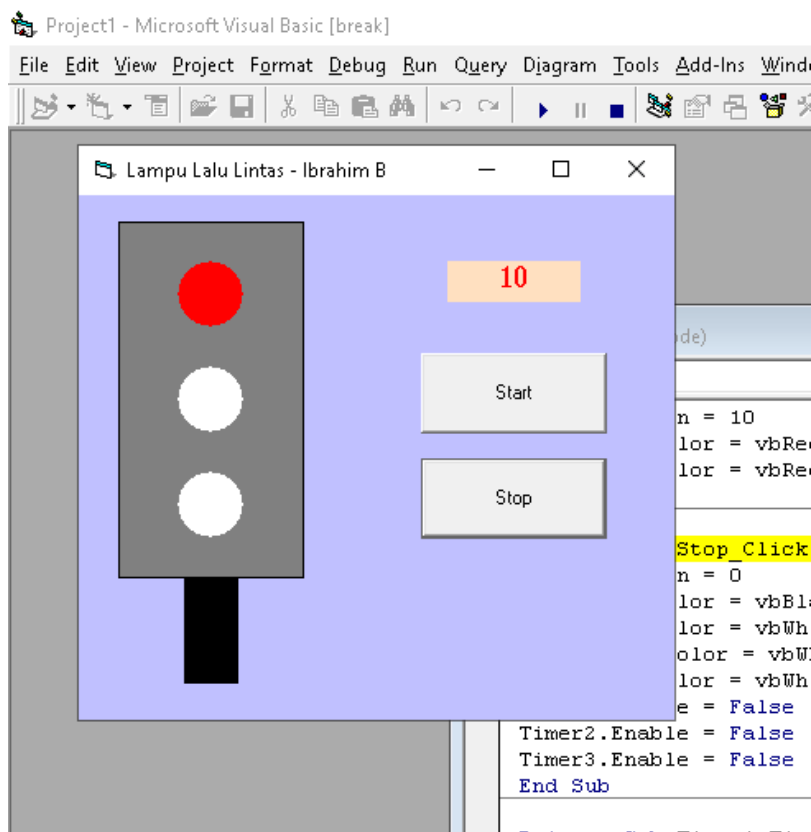
T2



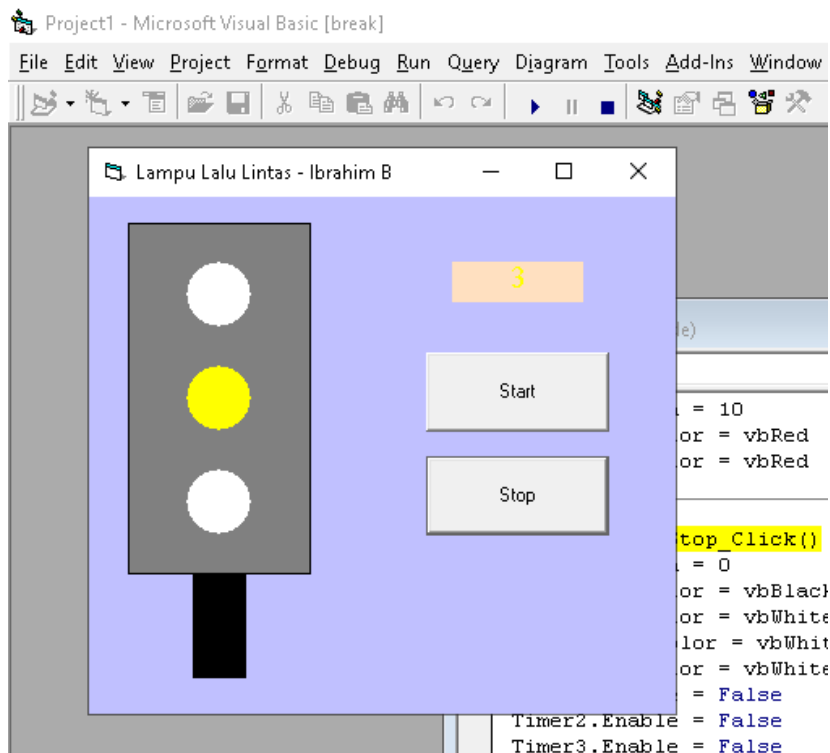
T3



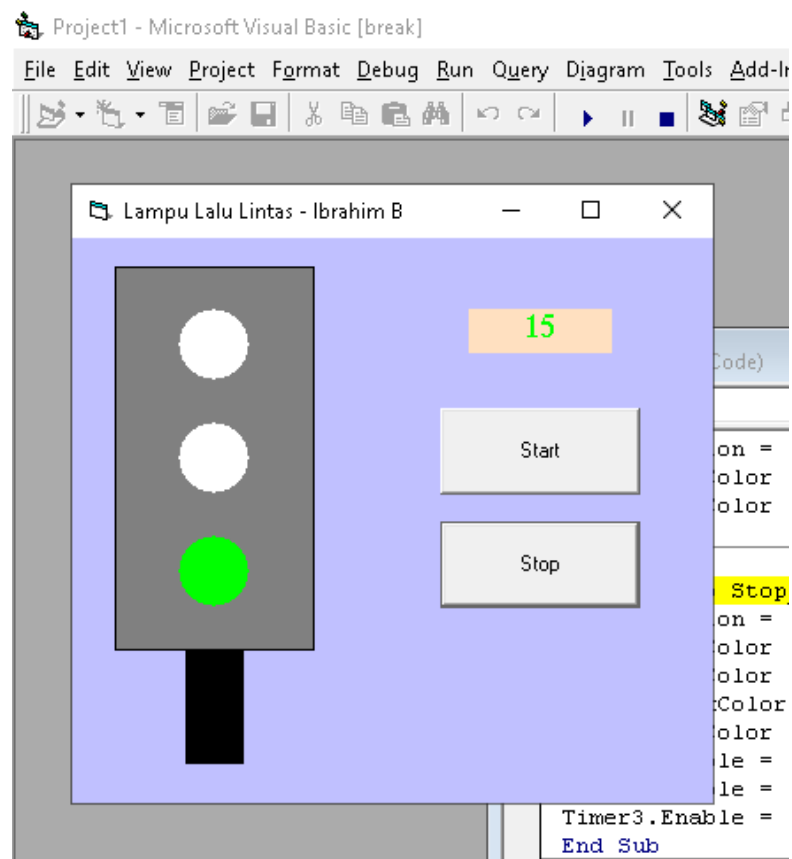
## Hasil Output1



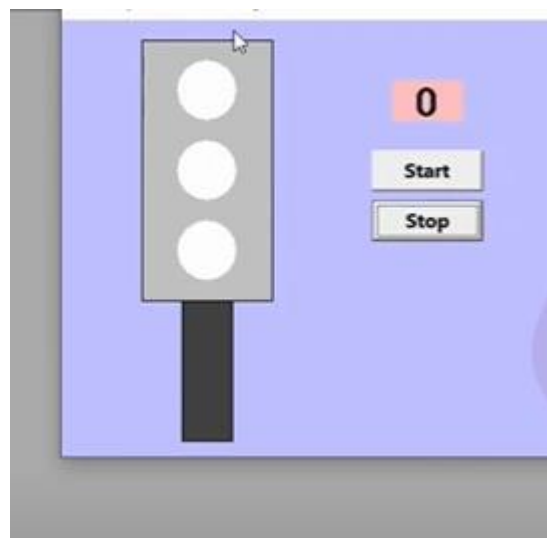
## Hasil Output2



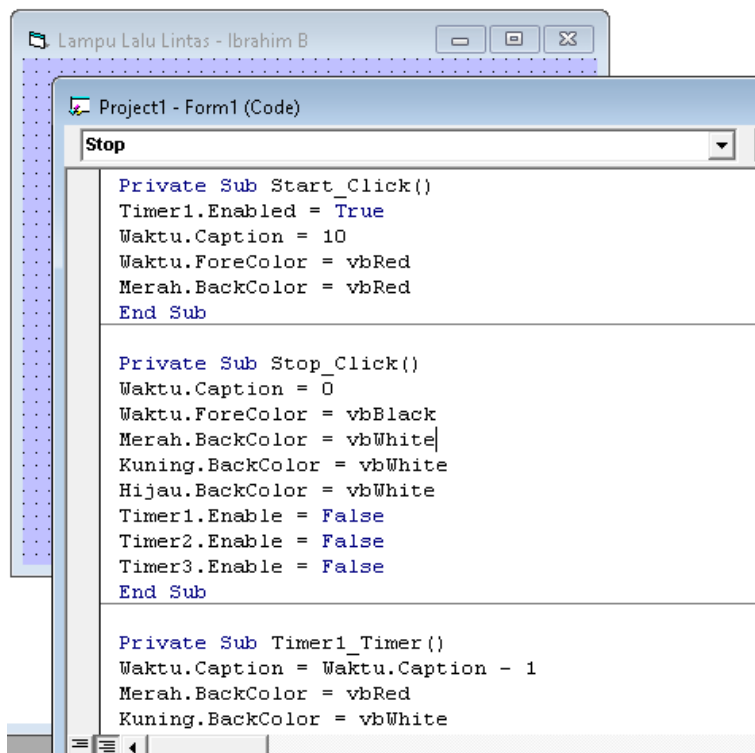
### Hasil Output3



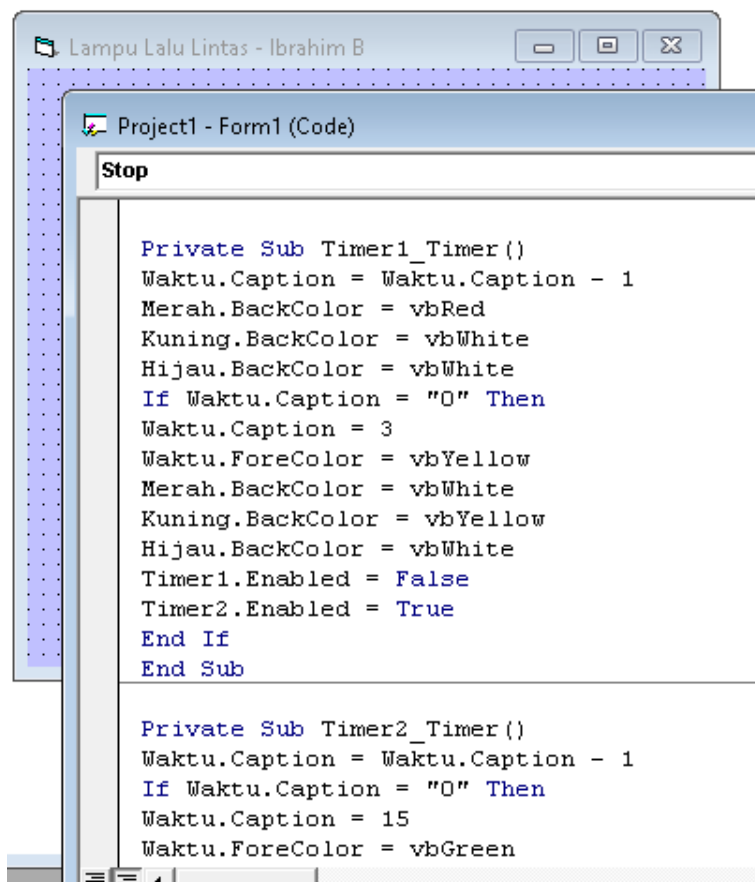
### Output Stop



## SourceCode Program



```
Private Sub Start_Click()  
    Timer1.Enabled = True  
    Waktu.Caption = 10  
    Waktu.ForeColor = vbRed  
    Merah.BackColor = vbRed  
End Sub  
  
Private Sub Stop_Click()  
    Waktu.Caption = 0  
    Waktu.ForeColor = vbBlack  
    Merah.BackColor = vbWhite  
    Kuning.BackColor = vbWhite  
    Hijau.BackColor = vbWhite  
    Timer1.Enable = False  
    Timer2.Enable = False  
    Timer3.Enable = False  
End Sub  
  
Private Sub Timer1_Timer()  
    Waktu.Caption = Waktu.Caption - 1  
    Merah.BackColor = vbRed  
    Kuning.BackColor = vbWhite
```



```
Private Sub Timer1_Timer()  
    Waktu.Caption = Waktu.Caption - 1  
    Merah.BackColor = vbRed  
    Kuning.BackColor = vbWhite  
    Hijau.BackColor = vbWhite  
    If Waktu.Caption = "0" Then  
        Waktu.Caption = 3  
        Waktu.ForeColor = vbYellow  
        Merah.BackColor = vbWhite  
        Kuning.BackColor = vbYellow  
        Hijau.BackColor = vbWhite  
        Timer1.Enabled = False  
        Timer2.Enabled = True  
    End If  
End Sub  
  
Private Sub Timer2_Timer()  
    Waktu.Caption = Waktu.Caption - 1  
    If Waktu.Caption = "0" Then  
        Waktu.Caption = 15  
        Waktu.ForeColor = vbGreen
```

Lampu Lalu Lintas - Ibrahim B

Project1 - Form1 (Code)

Stop

```
End Sub

Private Sub Timer2_Timer()
    Waktu.Caption = Waktu.Caption - 1
    If Waktu.Caption = "0" Then
        Waktu.Caption = 15
        Waktu.ForeColor = vbGreen
        Merah.BackColor = vbWhite
        Kuning.BackColor = vbWhite
        Hijau.BackColor = vbGreen
        Timer2.Enabled = False
        Timer3.Enabled = True
    End If
End Sub

Private Sub Timer3_Timer()
    Waktu.Caption = Waktu.Caption - 1
    If Waktu.Caption = "0" Then
        Waktu.Caption = 10
        Waktu.ForeColor = vbRed
        Merah.BackColor = vbRed
        Kuning.BackColor = vbWhite
```

Lampu Lalu Lintas - Ibrahim B

Project1 - Form1 (Code)

Stop

```
Waktu.ForeColor = vbGreen
Merah.BackColor = vbWhite
Kuning.BackColor = vbWhite
Hijau.BackColor = vbGreen
Timer2.Enabled = False
Timer3.Enabled = True
End If
End Sub

Private Sub Timer3_Timer()
    Waktu.Caption = Waktu.Caption - 1
    If Waktu.Caption = "0" Then
        Waktu.Caption = 10
        Waktu.ForeColor = vbRed
        Merah.BackColor = vbRed
        Kuning.BackColor = vbWhite
        Hijau.BackColor = vbWhite
        Timer3.Enabled = False
        Timer1.Enabled = True
    End If
End Sub
```