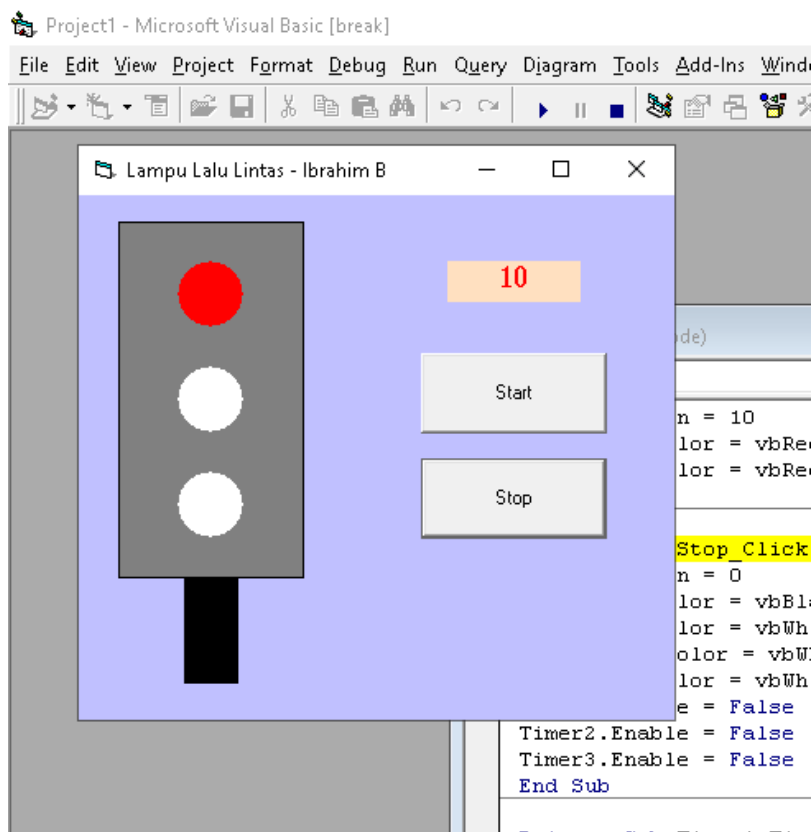
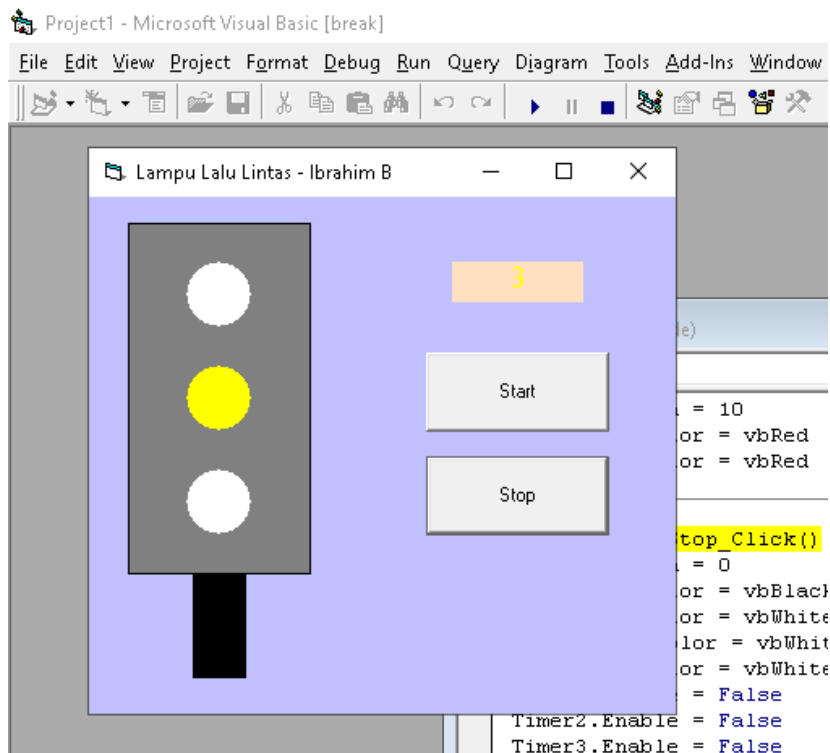


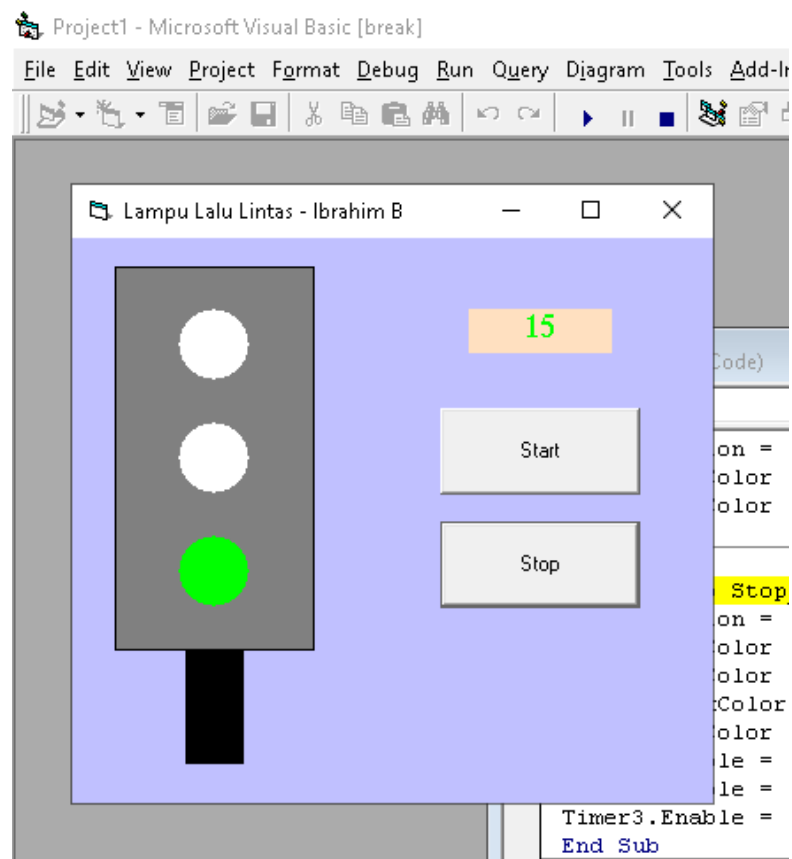
Hasil Output1



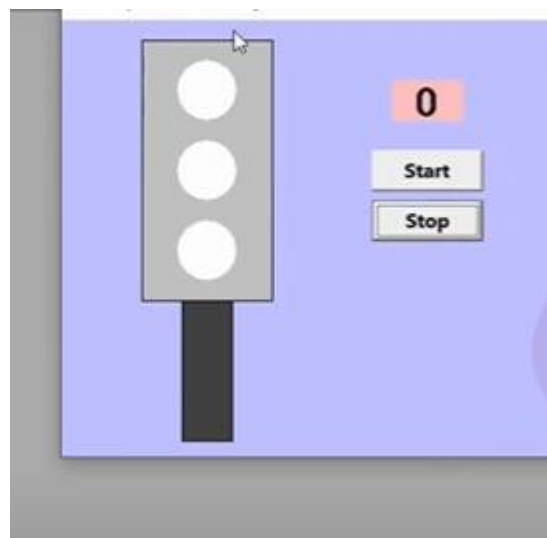
Hasil Output2



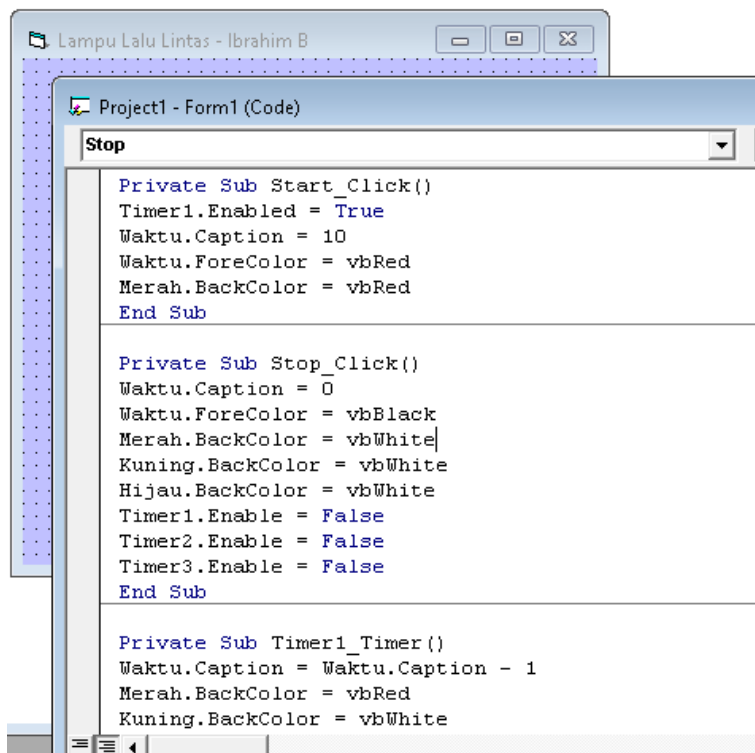
Hasil Output3



Output Stop

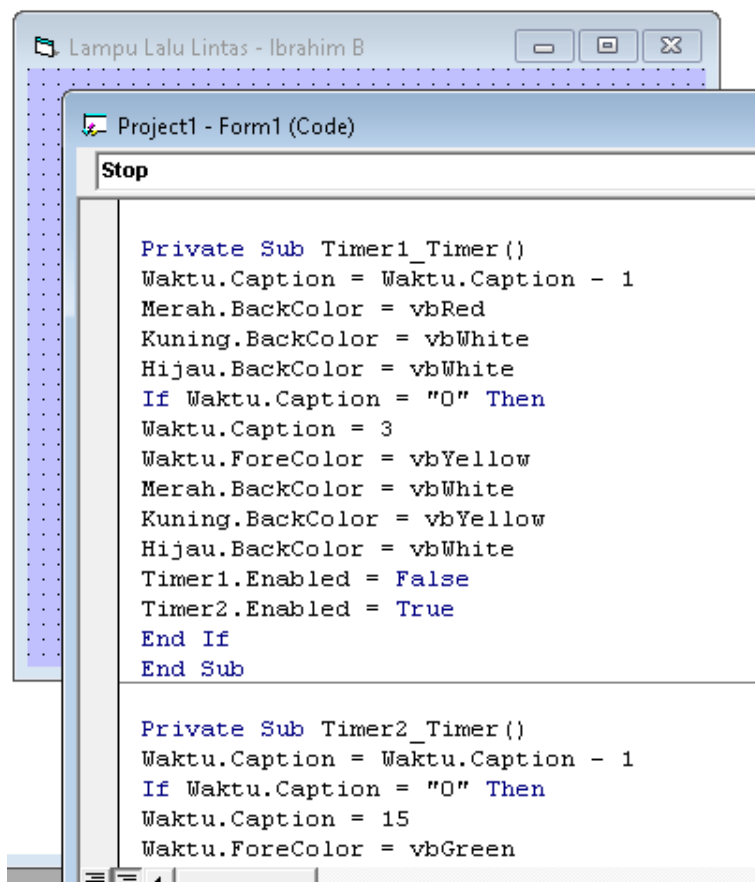


SourceCode Program



The screenshot shows a Visual Studio Code window titled 'Lampu Lalu Lintas - Ibrahim B'. The active file is 'Project1 - Form1 (Code)'. The code is written in VB.NET and includes three subroutines: Start_Click, Stop_Click, and Timer1_Timer. The Start_Click subroutine initializes Timer1.Enabled to True, sets Waktu.Caption to 10, Waktu.ForeColor to vbRed, and Merah.BackColor to vbRed. The Stop_Click subroutine sets Waktu.Caption to 0, Waktu.ForeColor to vbBlack, Merah.BackColor to vbWhite, Kuning.BackColor to vbWhite, Hijau.BackColor to vbWhite, and disables Timer1, Timer2, and Timer3. The Timer1_Timer subroutine decrements Waktu.Caption by 1, sets Merah.BackColor to vbRed, and Kuning.BackColor to vbWhite.

```
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
```



The screenshot shows the same Visual Studio Code window as above, but with different code. It includes two subroutines: Timer1_Timer and Timer2_Timer. The Timer1_Timer subroutine decrements Waktu.Caption by 1, sets Merah.BackColor to vbRed, Kuning.BackColor to vbWhite, Hijau.BackColor to vbWhite, and checks if Waktu.Caption is 0. If so, it sets Waktu.Caption to 3, Waktu.ForeColor to vbYellow, Merah.BackColor to vbWhite, Kuning.BackColor to vbYellow, Hijau.BackColor to vbWhite, disables Timer1, and enables Timer2. The Timer2_Timer subroutine decrements Waktu.Caption by 1, checks if Waktu.Caption is 0, and if so, sets Waktu.Caption to 15 and Waktu.ForeColor to vbGreen.

```
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
```