

LAMPIRAN B  
PROGRAM  
VISUAL BASIC

```
Public X, Y, U, baris, Data As Integer
```

```
Private Sub Command1_Click()
```

```
Dim varx(72) As String
```

```
Dim vary(72) As Double
```

```
skalax = 50 'untuk ganti pengali perioda
```

```
skalay = 2500
```

```
nully = 3650
```

```
nullx = 10
```

```
baris = List1.ListCount
```

```
    'array untuk penggambaran grafik
```

```
    For ar = 0 To baris
```

```
        sdt1 = awalx
```

```
        di1 = awaly
```

```
        'array data x(derajat kemiringan)
```

```
        varx(ar) = ar
```

```
        'array data y(dial indicator)
```

```
        vary(ar) = Val(List1.List(ar)) / 1100 'untuk ganti pengali  
amplituda
```

```
        sdt2 = varx(ar)
```

```
        di2 = vary(ar)
```

```
Picture1.DrawWidth = 1
```

```
Picture1.Line (0, 3423)-(6000, 3423)
```

```
Picture1.Line (0, 3195)-(6000, 3195)
```

```
Picture1.Line (0, 2968)-(6000, 2968)
```

```
Picture1.Line (0, 2741)-(6000, 2741)
```

```
Picture1.Line (0, 2514)-(6000, 2514)
```

```
Picture1.Line (0, 2286)-(6000, 2286)
```

```
Picture1.Line (0, 2059)-(6000, 2059)
```

```
Picture1.Line (0, 1832)-(6000, 1832)
```

```
Picture1.Line (0, 1604)-(6000, 1604)
```

```
Picture1.Line (0, 1377)-(6000, 1377)
```

```
Picture1.Line (0, 1150)-(6000, 1150)
```

```
Picture1.Line (0, 923)-(6000, 923)
```

```
Picture1.Line (0, 695)-(6000, 695)
```

```
Picture1.Line (0, 468)-(6000, 468)
```

```
Picture1.Line (0, 241)-(6000, 241)
```

```
Picture1.Line (5410, 0)-(5410, 4000)
```

```
Picture1.Line (5210, 0)-(5210, 4000)
```

```
Picture1.Line (5010, 0)-(5010, 4000)
```

```
Picture1.Line (4810, 0)-(4810, 4000)
```

```
Picture1.Line (4610, 0)-(4610, 4000)
```

```
Picture1.Line (4410, 0)-(4410, 4000)
```

```

Picture1.Line (4210, 0)-(4210, 4000)
Picture1.Line (4010, 0)-(4010, 4000)
Picture1.Line (3810, 0)-(3810, 4000)
Picture1.Line (3610, 0)-(3610, 4000)
Picture1.Line (3410, 0)-(3410, 4000)
Picture1.Line (3210, 0)-(3210, 4000)
Picture1.Line (3010, 0)-(3010, 4000)
Picture1.Line (2810, 0)-(2810, 4000)
Picture1.Line (2610, 0)-(2610, 4000)
Picture1.Line (2410, 0)-(2410, 4000)
Picture1.Line (2210, 0)-(2210, 4000)
Picture1.Line (2010, 0)-(2010, 4000)
Picture1.Line (1810, 0)-(1810, 4000)
Picture1.Line (1610, 0)-(1610, 4000)
Picture1.Line (1410, 0)-(1410, 4000)
Picture1.Line (1210, 0)-(1210, 4000)
Picture1.Line (1010, 0)-(1010, 4000)
Picture1.Line (810, 0)-(810, 4000)
Picture1.Line (610, 0)-(610, 4000)
Picture1.Line (410, 0)-(410, 4000)
Picture1.Line (210, 0)-(210, 4000)

Picture1.DrawWidth = 2
Picture1.Line (nullx + (sdt1 * skalax), nully - (di1 * skalay))-
(nullx + (sdt2 * skalax), nully - (di2 * skalay)), vbRed
    awalx = sdt2
    awaly = di2
Next
End Sub

Private Sub Command2_Click()
Dim U(360)
banyak = List1.ListCount
Open "C:\Users\Brian\Desktop\TA\belajar VB\tes 7\simpan.txt" For Output As
#2
For q = 0 To banyak - 1
    U(q) = List1.List(q)
    Print #2, U(q)
Next q
Close (2)
End Sub

Private Sub Command3_Click()
Picture1.Cls
List1.Clear
End Sub

Private Sub Command4_Click()
List1.Clear

```

```

Open "C:\Users\Brian\Desktop\TA\belajar VB\tes 7\simpan.txt" For Input As
#1
While Not EOF(1)
Input #1, xdata
If xdata > 0 Then
List1.AddItem xdata
End If
Wend
Close #1
End Sub

Private Sub Command5_Click()
Timer1.Enabled = True
kar = MSComm1.Input
If (Len(kar) > 0 And Len(kar) < 5) Then
Label8.Caption = kar
End If
End Sub

Private Sub Form_Load()
MSComm1.CommPort = 6
MSComm1.Settings = "9600,N,8,1"
MSComm1.InputLen = 0
MSComm1.PortOpen = True
X = 0
Y = 0
Timer1.Enabled = False
End Sub

Private Sub Form_Paint()
Dim sdt1, sdt2, di1, di2 As Integer
Dim skalax, skalay As Integer
Dim nullx, nully As Integer
Dim varx(20), vary(20) As String

r = 205
Form1.DrawWidth = 2
Form1.ForeColor = RGB(255, 0, 0)
For sdt = 0 To 2880
a = r * Sin(sdt * 3.141592654 / 1440)
b = r * Cos(sdt * 3.141592654 / 1440)
PSet (300 + a, 300 - b)
Next
End Sub

Private Sub Text1_KeyPress(Index As Integer, KeyAscii As Integer)
If KeyAscii = 13 Then
Data = Data + 1
Text1(Data).SetFocus

```

```
End If
End Sub
```

```
Private Sub Text2_Change()
'Timer1.Enabled = True
End Sub
```

```
Private Sub Text3_KeyPress(KeyAscii As Integer)
Dim kur As Double
Dim kur2 As Double
Dim kur3 As Double
Dim kur4 As String
```

```
If KeyAscii = 13 Then
kur = Val(Text3.Text)
kur2 = kur * 100
kur3 = 1058 - kur2
List1.AddItem (kur3)
```

```
Text2.Text = kur2
kur4 = Text2.Text
```

```
kirim = "A" + kur4 + "B"
MSComm1.Output = kirim
```

```
Text3.Text = ""
Text3.SetFocus
End If
End Sub
```

```
Private Sub Timer1_Timer()
Command5.Value = True
Form1.DrawWidth = 3
Form1.ForeColor = RGB(255, 255, 255)
Line (300, 300)-(300 - X, 300 - Y)
```

```
ADC = Label8.Caption
```

```
r = 200
sudut = ADC
X = r * Sin(ADC * 3.141592654 / 180)
Y = r * Cos(ADC * 3.141592654 / 180)
Form1.DrawWidth = 3
Form1.ForeColor = RGB(0, 0, 0)
Line (300, 300)-(300 - X, 300 - Y)
Label2.Caption = Round(sudut, 1)
End Sub
```

```
Private Sub VScroll11_Change()
```

```
Dim vary(360)
baris = List1.ListCount
Label7(0).Caption = VScroll11.Value * 5
Label7(1).Caption = VScroll11.Value * 5 + 5
Label7(2).Caption = VScroll11.Value * 5 + 10
Label7(3).Caption = VScroll11.Value * 5 + 15
Label7(4).Caption = VScroll11.Value * 5 + 20
Label7(5).Caption = VScroll11.Value * 5 + 25
Label7(6).Caption = VScroll11.Value * 5 + 30
Label7(7).Caption = VScroll11.Value * 5 + 35
Label7(8).Caption = VScroll11.Value * 5 + 40
Label7(9).Caption = VScroll11.Value * 5 + 45

For ar = 0 To baris
vary(ar) = List1.List(ar)
Text1(0).Text = vary(VScroll11.Value)
Text1(1).Text = vary(VScroll11.Value + 1)
Text1(2).Text = vary(VScroll11.Value + 2)
Text1(3).Text = vary(VScroll11.Value + 3)
Text1(4).Text = vary(VScroll11.Value + 4)
Text1(5).Text = vary(VScroll11.Value + 5)
Text1(6).Text = vary(VScroll11.Value + 6)
Text1(7).Text = vary(VScroll11.Value + 7)
Text1(8).Text = vary(VScroll11.Value + 8)
Text1(9).Text = vary(VScroll11.Value + 9)
Next

End Sub
```