

LISTING PROGRAM PADA MIKROKONTROLER

```
#include <mega8535.h>

#include <delay.h>

#include <stdio.h>

void main(void)

{

PORTC=0x00;

DDRC=0x00;

UCSRA=0x00;

UCSRB=0x18;

UCSRC=0x86;

UBRRH=0x00;

UBRRL=0x47;

while (1)

{

    if (PINC==0b00000001)

        {printf("1,494\n");}

    else if (PINC==0b00000010)

        {printf("1,452\n");}

    else if (PINC==0b00000100)

        {printf("1,400\n");}

    else if (PINC==0b00001000)

        {printf("1,345\n");}

    else if (PINC==0b00010000)

        {printf("1,287\n");}

    else if (PINC==0b00100000)

        {printf("1,228\n");}
```

```
else if (PINC==0b01000000)
    {printf("1,170\n");}
else if (PINC==0b10000000)
    {printf("1,115\n");}
else if (PINC==0b00000000)
    {printf("0\n");};

    delay_ms(50); ( wait)

};

}
```

LISTING PROGRAM PADA KOMPUTER

```
Private Sub cmdconnect_Click()
Dim port As Integer
On Error GoTo errcode
Select Case Combo1.ListIndex
Case -1
    port = 1
Case 0
    port = 1
Case 1
    port = 2
Case 2
    port = 3
Case 3
    port = 4
Case 4
    port = 5
Case 5
    port = 6
Case 6
    port = 7
Case 7
    port = 8
Case 8
    port = 9
End Select
If MSComm1.PortOpen = False Then
    MSComm1.CommPort = port
    MSComm1.RThreshold = 1
    MSComm1.InputLen = 40
    MSComm1.Settings = Combo2.List(Combo2.ListIndex) & ",N,8,1"
    MSComm1.PortOpen = True
cmdconnect.Enabled = False
cmddisconnect.Enabled = True
End If

Exit Sub

errcode:
    MsgBox "Port Salah !", vbOKOnly, "Peringatan"
    Combo1.SetFocus
End Sub

Private Sub cmddisconnect_Click()
If MSComm1.PortOpen = True Then
    MSComm1.PortOpen = False
End If
cmdconnect.Enabled = True
cmddisconnect.Enabled = False

End Sub
```

```
Private Sub Form_Load()
```

```
With Combo1
```

```
    .AddItem "COM1"
```

```
    .AddItem "COM2"
```

```
    .AddItem "COM3"
```

```
    .AddItem "COM4"
```

```
    .AddItem "COM5"
```

```
    .AddItem "COM6"
```

```
    .AddItem "COM7"
```

```
    .AddItem "COM8"
```

```
    .AddItem "COM9"
```

```
End With
```

```
With Combo2
```

```
    .AddItem "2400"
```

```
    .AddItem "4800"
```

```
    .AddItem "9600"
```

```
    .AddItem "19200"
```

```
    .AddItem "38400"
```

```
    .AddItem "56600"
```

```
End With
```

```
Timer1.Enabled = False
```

```
cmdconnect.Enabled = True
```

```
cmddisconnect.Enabled = False
```

```
End Sub
```

```
Private Sub MSComm1_OnComm()
```

```
Dim indeksbias As String
```

```
indeksbias = Val(MSComm1.Input)
```

```
Text1.Text = indeksbias
```

```
End Sub
```

```
Private Sub Timer1_Timer()
```

```
MSComm1_OnComm
```

```
End Sub
```