

```

'war car-----
$regfile = "m32def.dat"
$crystal = 8000000
'config-----
Config Lcdpin = Pin , Db4 = Porta.2 , Db5 = Porta.3 , Db6 = Porta.4 , Db7 = Porta.5 ,
E = Porta.1 , Rs = Porta.0
Config Lcd = 16 * 2
Config Pinc.0 = Output : Config Pind.7 = Output
M1 Alias Portc.0 : M2 Alias Portd.7
Cursor Off
'dim-----
Dim Yin As Integer
Dim D As Integer
'main-----
Do
Cls
Locate 1 , 5
Lcd "aX ="
Lcd Yin
Locate 2 , 8
Lcd "***"

Pulsein Yin , Pinb , 0 , 0
Yin = 167 - Yin

If Yin > 0 Then
M1 = 1 : M2 = 0
D = Abs(yin)
D = D * 3
Waitms D
M1 = 1 : M2 = 1
Lcd ">>"
End If

If Yin < 0 Then
M1 = 0 : M2 = 1
D = Abs(yin)
D = D * 3
Waitms D
M1 = 1 : M2 = 1
Locate 2 , 6
Lcd "<<"
End If

Waitms 150
Loop
End

```