

```

Device = 16F876
Xtal = 20
ADCON1 = %100000000
Config HS_OSC,WDT_OFF,PWRTE_OFF,BODEN_OFF,LVP_OFF,CP_ALL,CPD_ON,DEBUG_OFF
TRISB = $00 : PORTB = $00
TRISC = $01 : PORTC = $00
Print 254,64,6,9,9,6,0,0,0,0

Declare LCD_DTPin PORTB.4
Declare LCD_RSPin PORTB.2
Declare LCD_ENPin PORTB.3
Declare Hserial_Baud = 9600
Declare Hserial_RCTA = $90
Declare Hserial_TXSTA = $20
Declare Hserial_Clear = On

Symbol PIR = PORTC.0 : Input PIR
Symbol line1 = PORTC.2
Symbol line2 = PORTC.3
Symbol SimTX = PORTC.4
Symbol SimRX = PORTC.5

Dim adc As Word
Dim temp As Byte
Dim ctrl[2] As Byte
ctrl[0] = 26
ctrl[1] = 13

Cls
line1 = 1 : line2 = 1
Print At 1,1, " Installizing.. "
DelayMS 6000

sys_Active:
line1 = 1 : line2 = 1
Print At 1,1, "System Activated"
GoSub Temp_Show
If PIR = 0 Then GoSub detected
GoTo sys_Active

Temp_Show:
adc = ADIn 0
temp = (adc * 0.4887) - 3
Print At 2,1, " Temp: ",Dec temp
Print At 2,12,0,"C "
Return

detected:
line1 = 0 : line2 = 0
GoSub SMS
Print At 1,1, "Human Detected!!"
Repeat
  GoSub Temp_Show
Until PIR = 1
Return

SMS:
Print At 1,1, "SMS Sending....."
Print At 2,1, " To:", CStr SMSnumber
HSerOut ["AT+CMGF=1",13]
DelayMS 200
HSerOut ["AT + CMGS = ",34,"+88",CStr SMSnumber,34,13]
DelayMS 200
HSerOut ["Someone Entered into your Home. Temperature: ",_
  Dec temp, " Degree Celsius", 13]
DelayMS 200
HSerOut [Str ctrl]
DelayMS 5000
Return

SMSnumber: CData "01764180287",0

```