

```

'*****
'* Name      : IR_home.BAS                                     *
'* Author    : Antor Ahmed                                     *
'* Notice    : Copyright (c) 2017 Antor Ahmed                 *
'*           : ALL Rights Reserved                             *
'* Date      : 28-Jun-17                                       *
'* Version   : 1.0                                             *
'* Notes     :                                                 *
'*           :                                                 *
'*****

```

Device = 16F676

Config FOSC_INTRCIO, WDTE_OFF, PWRTE_OFF, MCLRE_ON, BOREN_OFF, CP_ON, CPD_ON
Xtal 20

ANSEL = 0

Declare Sonyin_Pin = PORTC.0

Symbol FAN = PORTC.1

Symbol L_1 = PORTC.2

Symbol L_2 = PORTC.3

Symbol L_3 = PORTC.4

Symbol L_4 = PORTC.5

Symbol L_5 = PORTA.0

Symbol L_6 = PORTA.1

Symbol L_7 = PORTA.2

Output FAN : Output L_1

Output L_2 : Output L_3

Output L_4 : Output L_5

Output L_6 : Output L_7

PORTC = 0 : PORTA = 0

Dim speed As Byte

Dim flag As Bit

Dim sony As Word

Dim cmd As sony.LowByte

Clear

main:

Repeat

sony = SonyIn

GoSub fan_speed

Until cmd <> 255

If cmd >= 0 And cmd <= 8 Then

speed = cmd + 2

flag = 1

EndIf

If cmd = 21 Then flag = 0

If cmd = 16 Then L_1 = ~L_1 : DelayMS 500

If cmd = 17 Then L_2 = ~L_2 : DelayMS 500

If cmd = 18 Then L_3 = ~L_3 : DelayMS 500

If cmd = 19 Then L_4 = ~L_4 : DelayMS 500

GoTo main

fan_speed:

If flag = 1 Then

FAN = 0

DelayMS 10 - speed

FAN = 1

Else

FAN = 0

EndIf

Return