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'-----Title-----  
  
' File: flicker2.pbp  
' Started: 11/4/03  
' Microcontroller used: Microchip Technology 16F88  
'                        microchip.com  
' PBPro Code, micro-Engineering Labs, Inc.  
'                        melabs.com  
  
'-----Program Description-----  
  
' LED flashes one time per half second.  
  
'-----New PicBasic Pro Commands-----  
  
' HIGH pin  
' Sets pin to high(+5v) Pin must be a number between  
' 0 and 15(see below).  
'  
' LOW pin  
' Sets pin to low(0v) Pin must be a number between  
' 0 and 15(see below).  
  
'-----Revision History-----  
  
' Comments added 2/20/06  
  
'-----Constants/Defines-----  
  
'-----Variables-----  
  
'-----Initialization-----  
  
        TRISB = %11111110    'Sets up pin B0 of PORTB as an output  
                                'and pins B7-B1 of PORTB as inputs  
  
        OSCCON = $60        'Sets the internal oscillator in the  
                                '16F88 to 4 MHz  
  
'-----Pin List for 18 Pin Microcontrollers-----  
  
'          Pin          PORT/Pin  
  
'          0          PORTB.0  
'          1          PORTB.1  
'          2          PORTB.2  
'          3          PORTB.3  
'          4          PORTB.4  
'          5          PORTB.5  
'          6          PORTB.6  
'          7          PORTB.7  
'          8          PORTA.0  
'          9          PORTA.1  
'         10          PORTA.2
```

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'      11      PORTA.3  
'      12      PORTA.4  
'      13      PORTA.5  
'      14      PORTA.6  
'      15      PORTA.7
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'-----Main Code-----'
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loop:
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  HIGH 0          'Makes pin B.0 output at high (5 volts)  
  PAUSE 250       'Pause 250 milliseconds (1/4 seconds) with LED on  
  LOW 0           'Makes pin B.0 output at low (0 volts)  
  PAUSE 250       'Pause 250 milliseconds (1/4 seconds) with LED off  
  GOTO loop       'Jump to loop label  
  END
```