```
<include <mega32.h#</pre>
Declare your global variables here //
;static unsigned int time_count
Timer1 overflow interrupt service routine //
(interrupt [TIM1_OVF] void timer1_ovf_isr(void
}
Reinitialize Timer1 value //
;TCNT1H=0xC2F7 >> 8
;TCNT1L=0xC2F7 & 0xff
Place your code here //
;time_count++
(if (time_count==64
}
; (PORTC.0=! (PORTC.0
;time_count=0
```

```
DDRC=(1<<DDC7) | (1<<DDC5) | (1<<DDC5) | (1<<DDC5) | (1<<DDC5) | (1<<DDC5) | (1<<DDC5) | (1<<DDC6) | (1<<DD6) | (1<<DD6
 // Timer/Counter 1 initialization // Clock source: System Clock // Clock value: 15.625 kHz // Timer Period: 1 s
TCCR1A=(0<<COMIA1) | (0<<COMIA0) | OCIA output: Disconnected وصل نباشند Output Compare وسل نباشند OCIB output: Disconnected وصل نباشند Output Compare وصل نباشند OCIB output: Disconnected وصل نباشند OCIB output: Disconnected وصل نباشند OCIB output: Disconnected مدنرمال OCIB output: Disconnected OCIB output: Disconn
                                                                                                                                                                                    حذف نويز و تشخيص لبه Noise Canceler=Off, Input Capture=on Falling Edge حذف نويز و تشخيص لبه Mode: Normal top=0xFFFF
                                     (0<<WGM13) | (0<<WGM12) |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  بدون prescaling
                                    (0<<CS12) | (0<<CS11) | (1<<CS10);
                                                                                                                                                                                                                                                                                                                                                                                                                                      مقدار ۱۵ (C2F7) برای شروع شمارش ____
 TCNT1H=0xC2; TCNT1L=0xF7;
 مقدار ابتدا و انتهاى شمارش در برخى مدها . ______ CR1L=0x00; CR1L=0x00; OCR1AL=0x00; OCR1BL=0x00; OCR1BL=0x00; OCR1BL=0x00; OCR1BL=0x00
  // Timer(s)/Counter(s) Interrupt(s) initialization
 TIMSK=(0<<OCIE2) | (0<<TOIE2) |
                                                                                                                                                                                                                                                                                     غیرفعال کردن Timer/Counter1 Input Capture Interrupt
                               (0<<TICIE1) |
                                                                                                                                                                                                                                                غيرفال كردن Timer/Counterl Compare A Match Interrupt
غيرفال كردن Timer/Counterl Compare B Match Interrupt
فعال كردن Timer/Counterl Overflow Interrupt
                                 (0<<OCIE1A) | -
                                 (0<<OCIE1B) | -
                              (1<<TOIE1) | (0<<OCIE0) | (0<<TOIE0);
                              #asm("sei")
                              time_count=0;
                              while (1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Α
 }
```