#include <xc.h>  
#include<pic18f4550.h>  
  
#define Buzzer LATAbits.LATA5 //define buzzer pin  
  
unsigned int count=0;  
  
void Timer1ISR(){  
if(TMR1IF==1){  
TMR1L=0x20;  
TMR1H=0xD1;  
count++;  
  
if(count>=1000){ //measure upto 1000 ms i.e. 1 seconds  
Buzzer=~Buzzer; //Toggle buzzer pin  
  
count=0;  
}  
TMR1IF=0;  
  
}  
}  
void main(void) {  
TRISB=0; //set as output  
TRISAbits.TRISA5=0; //set buzzer pin as RA5 as output  
GIE=1;  
PEIE=1;  
TMR1IE=1;  
TMR1IF=0;  
/\*Enable 16 bit TMR1 register,no pre-scaler,internal clock,timer OFF\*/  
T1CON=0x80;  
TMR1L=0x20;  
TMR1H=0xD1;  
TMR1ON=1;  
  
while(1);  
  
return;  
}

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