```c
/* tp1.c : à commenter */
#include <pic.h>
__CONFIG(0X3539);

void main(void)
      {
            unsigned char c = 0 ;
              unsigned char b=0 ;
            TRISB3 = 0 ;
            TRISB2 = 0 ;
            RB3 = 0 ;
            RB2 = 0 ;

            for ( ; ; )
                  {
                    if ( RB0 == 0 )
                        {
                                RB3 = 1 ;
                                if ( b==0 )
                                 {
                                  c = c + 1 ;
                                  b = 1 ;
                                 }
                        }
                    else
                        {
                           RB3 = 0 ;
                           b = 0 ;
                        }
                    if ( c >= 12 )
                        {
                                RB2=1;
                        }
                  }

      }
```