

Rotina:serial_char.c

Prof.: Alberto Willian Mascarenhas

```
#include <16F877A.h>
#device adc=8

#FUSES NOWDT           //No Watch Dog Timer
#FUSES HS              //High speed Osc (> 4mhz for PCM/PCH) (>10mhz for PCD)
#FUSES NOPUT          //No Power Up Timer
#FUSES NOPROTECT       //Code not protected from reading
#FUSES NODEBUG         //No Debug mode for ICD
#FUSES BROWNOUT        //Reset when brownout detected
#FUSES NOLVP           //No low voltage prgming, B3(PIC16) or B5(PIC18) used for I/O
#FUSES NOCPD           //No EE protection
#FUSES NOWRT           //Program memory not write protected

#use delay(clock=20000000)

#use rs232(baud=9600,parity=N,xmit=PIN_C6,rcv=PIN_C7,bits=8)

void main()
{
    unsigned int valor =8;

    setup_adc_ports(AN0_AN1_AN3);
    setup_adc(ADC_CLOCK_DIV_16);

    setup_psp(PSP_DISABLED);
    setup_spi(SPI_SS_DISABLED);
    setup_timer_0(RTCC_INTERNAL|RTCC_DIV_1);
    setup_timer_1(T1_DISABLED);
    setup_timer_2(T2_DISABLED,0,1);
    setup_comparator(NC_NC_NC_NC);
    setup_vref(FALSE);

    while(true){
        putc('A');
        //putc(65);
        putc(' ');
        putc('\n');
        delay_ms(100);
    }
}
```