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/* UART Self made Library
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#define F_CPU 16000000
#define BAUD 9600
#define BAUD_pre ((F_CPU/16/BAUD) - 1)

void USART_init(void)
{
    UBRR0H = (BAUD_pre>>8);
    UBRR0L = (BAUD_pre);
    UCSR0B = (1<<TXEN0) ; //status n ctrl registre no rx or tx
    UCSR0C = (1<<UCSZ00) | (1<<UCSZ01); //sets to 8bit
}

void USART_send( unsigned char data)
{
    while(!(UCSR0A & (1<<UDRE0)));
    UDR0 = data;
}

void USART_putstring(char* StringPtr)
{
    while(*StringPtr != 0x00){
        USART_send(*StringPtr);
        StringPtr++;}
}
```