#define *F\_CPU* 16000000UL

#include <avr/io.h>

#include <inttypes.h>

#include <util/delay.h>

#include <avr/interrupt.h>

#define LED PORTB

char buffer[10];

void USARTInit(*uint16\_t* ubrr\_value)

{

UBRRL = ubrr\_value;

UBRRH = (ubrr\_value);

UCSRC = (1<<URSEL)|(1<<UCSZ0)|(1<<UCSZ1);

UCSRB = (1<<RXEN)|(1<<TXEN);

}

char USARTReadChar()

{

while(!(UCSRA & (1<<RXC)))

{

}

return UDR;

}

void USARTWriteChar(char data)

{

while(!(UCSRA & (1<<UDRE)))

{

}

UDR = data;

}

int main()

{

USARTInit(77);

DDRB = 0xff;

char data;

LED = 0;

while(1)

{

data = USARTReadChar();

if(data == '1')

{

LED |= 0xFF;

}

else if(data == '2')

{

LED = 0x00;

}

DDRA = 0XFF;

char data;

LED = 0;

while(1)

{

else if(data == '3')

{

LED | = 0XFF;

}

else if(data == '4')

{

LED |= 0x00;

}

}

return 0;

}