#include<avr/io.h>

void usart\_int(void)

{

UCSR0A = 0x00;

UCSR0B = (1<<RXEN0)|(1<<TXEN0);

UCSR0C = (1<<UCSZ00)|(1<<UCSZ01);

UBRR0L = 103;

}

void usart\_sent(unsigned char n )

{

while(UCSR0A!=(UCSR0A|(1<<UDRE0)));

UDR0=n;

}

unsigned char usart\_recieve(void)

{

while(UCSR0A!=(UCSR0A|(1<<RXC0)));

return UDR0;

}

int main()

{

unsigned char n;

DDRD=0x00;

DDRB=0xFF;

usart\_int();

while(1)

{

n = usart\_recieve();

usart\_sent(n);

if(n=='n')

{

PORTB=0b00000001;

}

else if(n=='f')

{

PORTB=0x00;

}

}

return 0;

}