#include <avr/io.h>

#include <avr/interrupt.h>

ISR(INT0\_vect)

{

PORTD |=(1<<PA1);

}

int main(void)

{

DDRD |=(1<<PD1);// D as output

DDRA &=~(1<<PA1); // PA1 input as push button

GICR|=(1<<INT0);//interrupt enable

MCUCR|=((1<<ISC01)|(1<<ISC00));// interrupt enable for rising edge

sei();// globlal interrupt

while(1)

{

}

return 0;

}