#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;

}