

```
#include<avr/io.h>
int main()
{
    DDRD&=! (1<<PD1); //PD2 - input pin, sensor signal
    DDRD |= (1<<PD2); // PD2 - output pin, piezobuzzer
    while(1)
    {
        if(PIND&(1<<PD1)) // if input to port D pin 1 is high ie.if(PD1==1)
            PORTD&=! (1<<PD2); //buzzer on, PD2=0
        else
            PORTD |= (1<<PD2); //buzzer off, PD2=1
    }
}
```