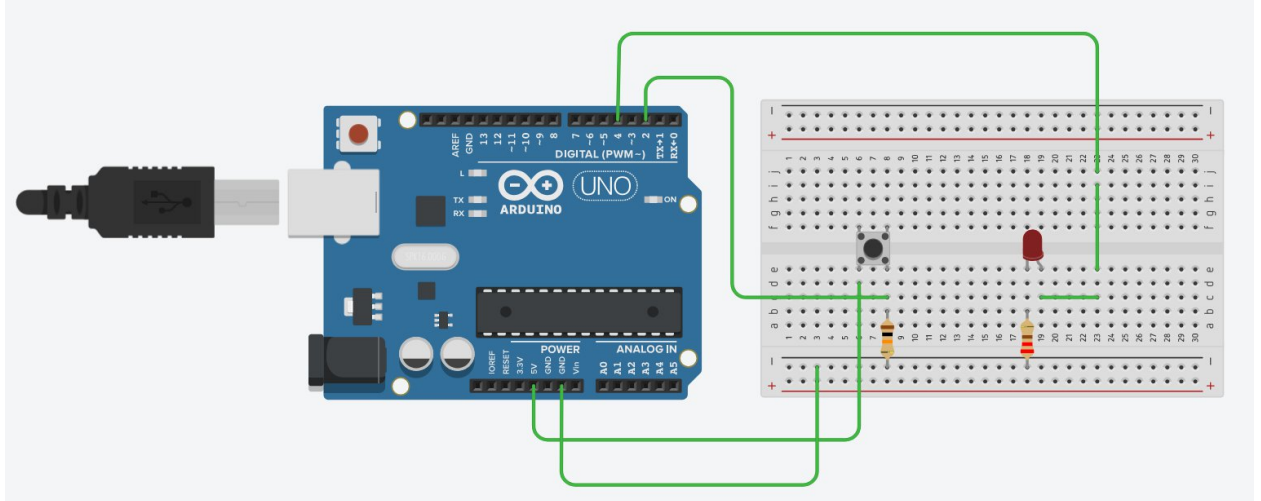
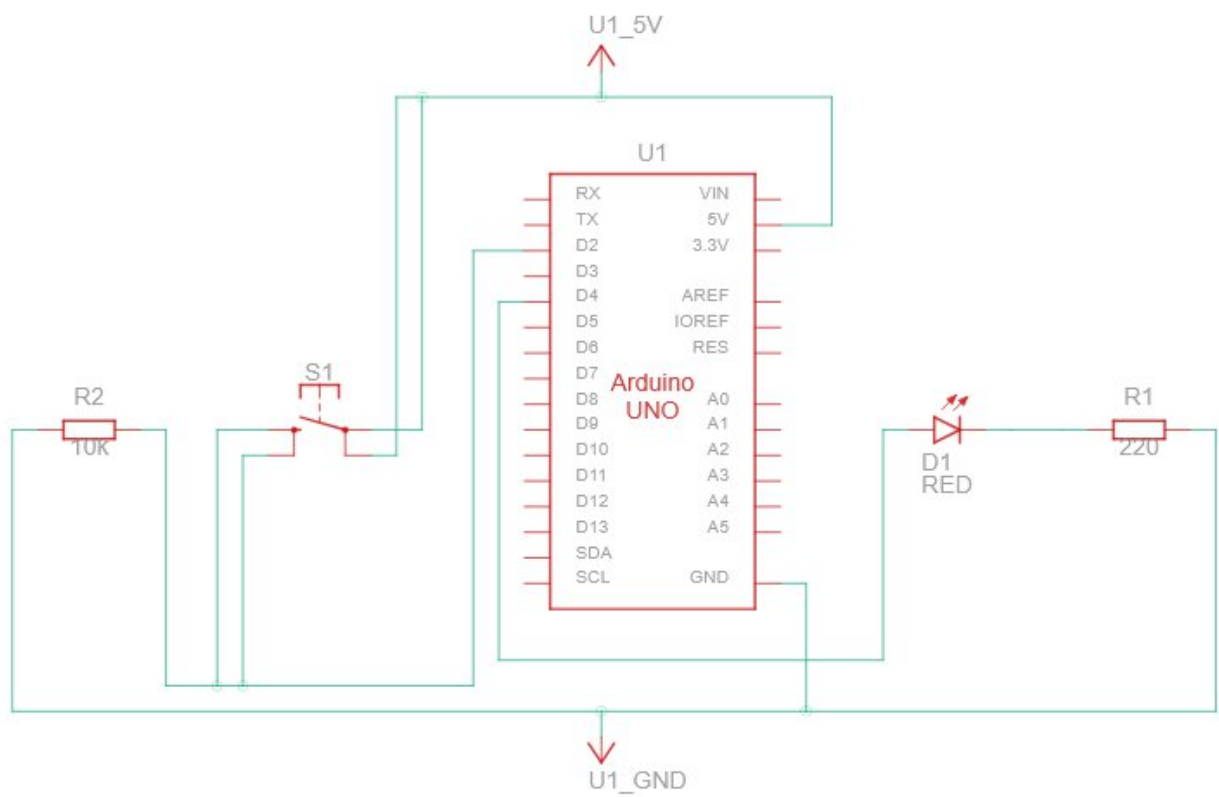


# Pulsante come interruttore

## 1. Circuito



## 2. Schema elettrico



### 3. Componenti

Nome	Quantità	Componente
U1	1	Arduino Uno R3
S1	1	Pulsante
D1	1	Rosso LED
R1	1	220 $\Omega$ Resistenza
R2	1	10 k $\Omega$ Resistenza

### 4. Sketch

```
int Led = 4;
```

```
int Pulsante = 2;
```

```
int Pulsante_old = LOW;
```

```
int Led_attuale = LOW;
```

```
void setup(){
```

```
    pinMode(2, INPUT);
```

```
    pinMode(4, OUTPUT);
```

```
}
```

```
void loop(){
```

```
    int Pulsante_attuale = digitalRead(Pulsante);
```

```
    if(Pulsante_attuale==HIGH && Pulsante_old==LOW){
```

```
        Led_attuale = !Led_attuale;
```

```
        digitalWrite(Led, Led_attuale);
```

```
        Pulsante_old = Pulsante_attuale;
```

```
}
```

## 5. LINK:

Tinkercad: [https://www.tinkercad.com/things/9Z558gdTds-pulsante-come-interruttore?sharecode=5W-ckdDFRw\\_pGy0KYBmoNLik-yUdyaOoD-NWZcuFrk](https://www.tinkercad.com/things/9Z558gdTds-pulsante-come-interruttore?sharecode=5W-ckdDFRw_pGy0KYBmoNLik-yUdyaOoD-NWZcuFrk)

Video Tutorial: <https://youtu.be/oFhZJLEmgKQ>