✱ BREADBOARD

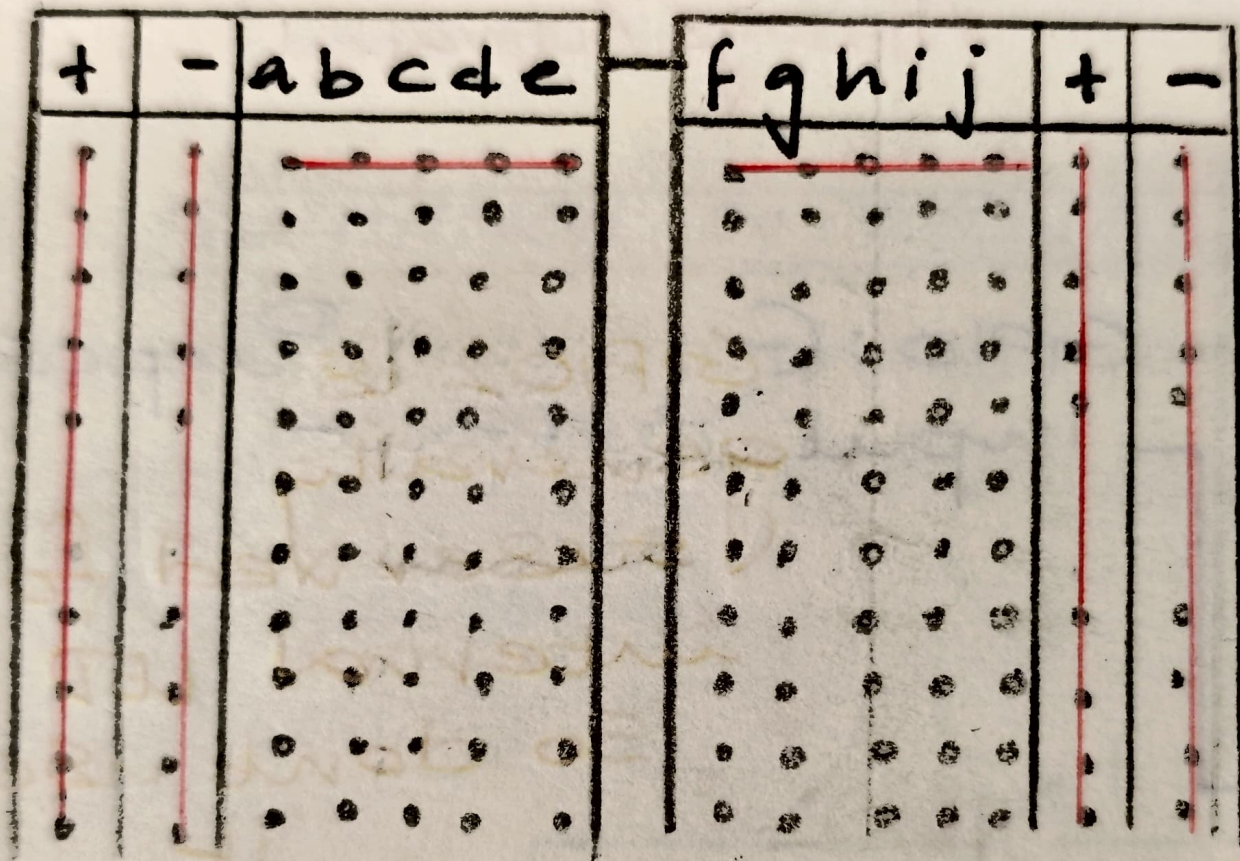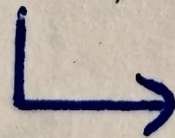| +	−	a	b	c	d	e	f	g	h	i	j	+	−

↓ Connected vertically
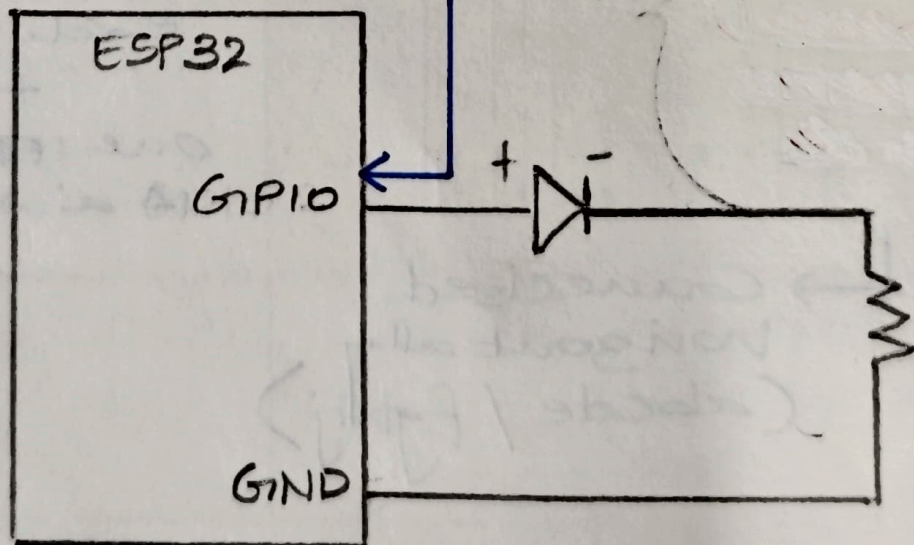
↳ Connected horizontally (abcde / fghij)

* LIMIT SWITCH

NC

COM   NO
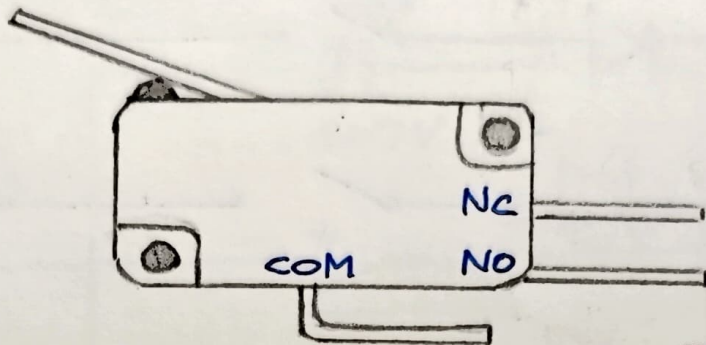
$\left\{ \begin{array}{l} \text{COM} \longrightarrow \text{Common Terminal} \\ \text{NC} \longrightarrow \text{Normally Closed} \\ \text{NO} \longrightarrow \text{Normally open} \end{array} \right\}$

+ ▷ -

+ve to
6m

NO

SECOND CIRCUIT:
Activated when
switch is
pressed

+ ▷ -

COM   NC

FIRST CIRCUIT
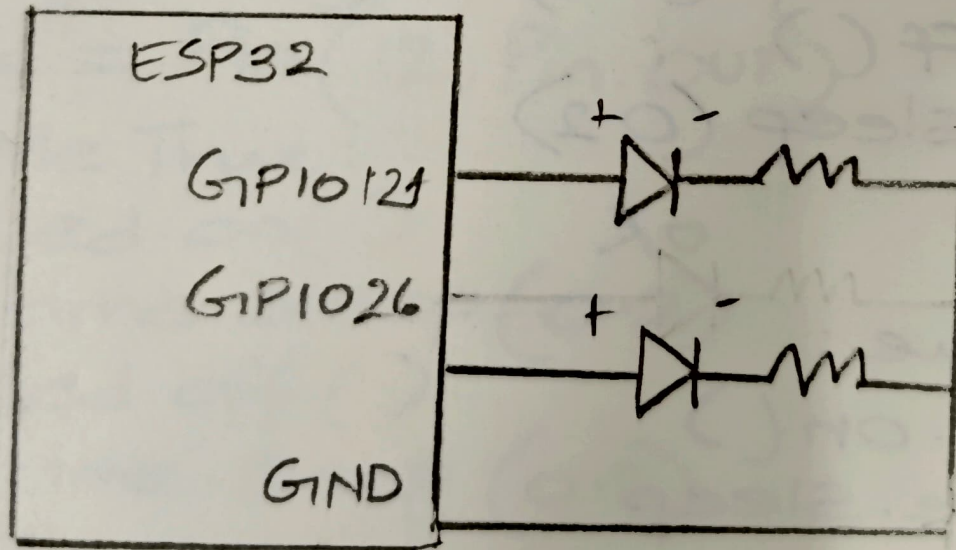Always Activated
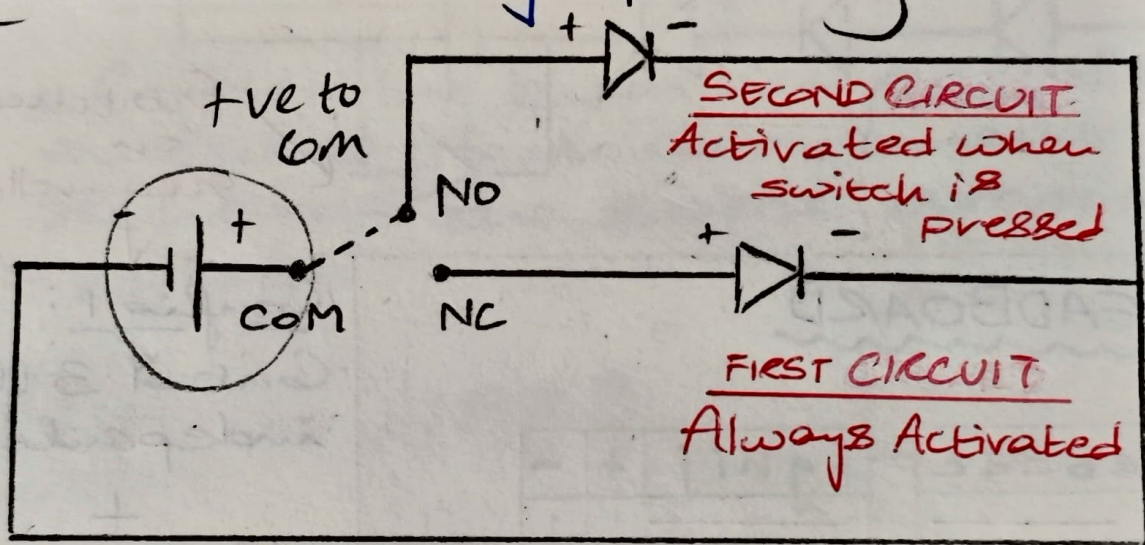
* ESP 32

GPIO : General Purpose
Input Output

ESP32

GPIO ← + ▷ -

GND

- GPIO2 ⟶ Reserved for internal LED

- Openport ⟶ floating Condition (port not connected to anything)

- Resistors are connected to manage the flow of current from ESP 32 to prevent damage to the components

  - −ve to GND

ESP32

GPIO 12

GPIO 26

GND

Two ext LEDs are in || as Voltage is insufficient in series