* PUSH BUTTON
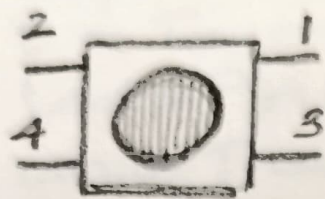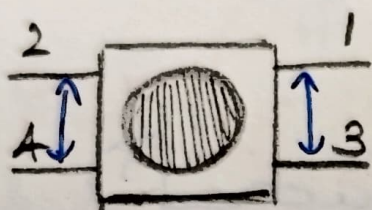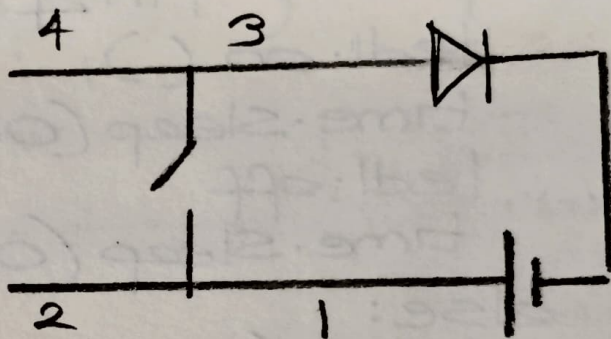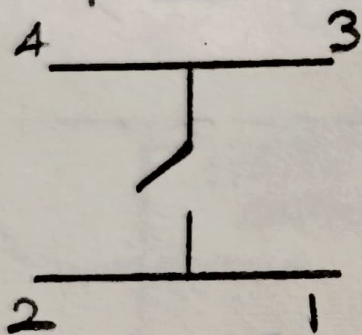

(1,2) → Internally Connected
(3,4) → Internally Connected

When pushed
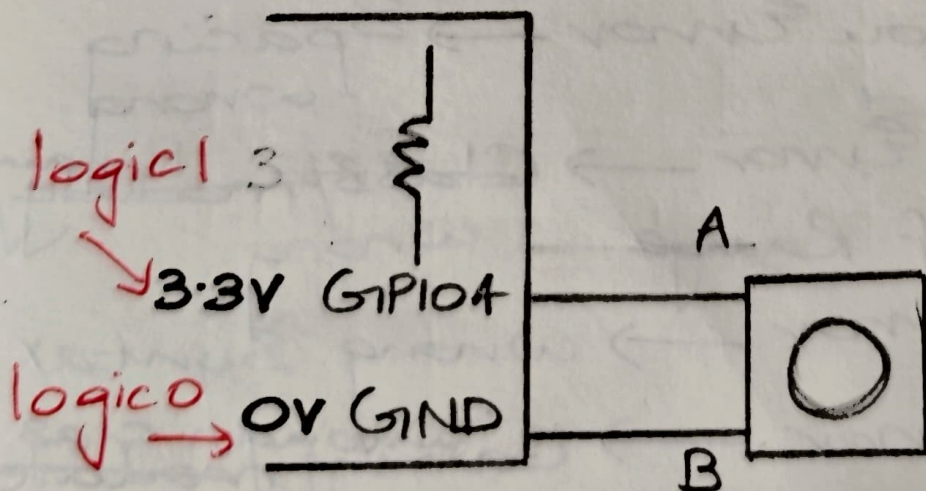

(1,3) are Connected
(2,4) are Connected

PULL UP RESISTOR

Internal resistor that pulls up
GPIO to a specific resistance

Before pushing

logic1
↘ 3.3V GPIO4

logic0
→ OV GND

After pushing
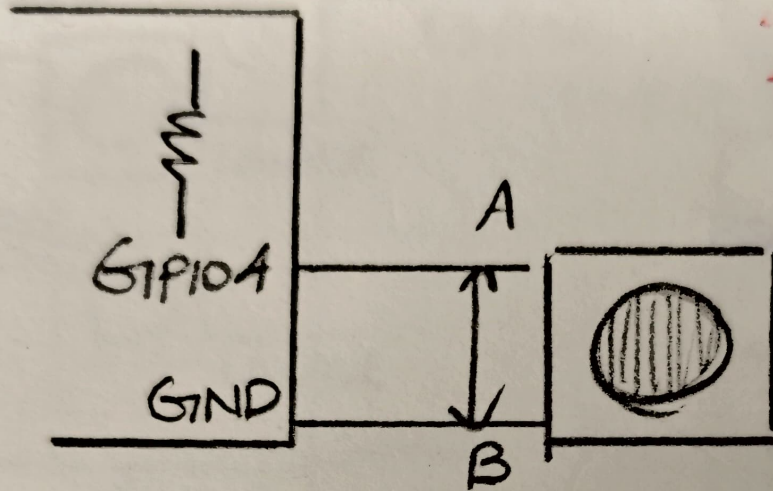
A & B are connected

∴ GPIO4 = GND

⇒ GPIO4 = 0V