NO Date

WEEK 04

machine = module
Pin = class

import

① (t.b) (sec)

```
from machine input Pin, TouchPad
# Initialization
tp = TouchPad(Pin(12))
touch_value = tp.read()
```

certain nos are touch oriented

② from machine import Pin, TouchPad

import time → for delay

```
tp = TouchPad(Pin(12))
while True:                      → to run for "∞"
    touch_value = tp.read()
    print(touch_value)
    time.sleep(0.2)
```

```
while True:
    touch_value = tp.read()
    if touch_value < 100:
        print("touched")
        print(touch_value)
    time.sleep(0.2)
```

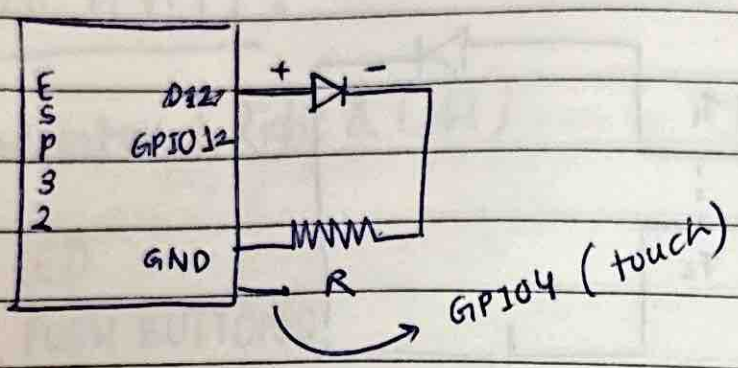
Value → trigger → threshhold

touch_value > or < T.H

No. touch → 941
Touch → 50-100

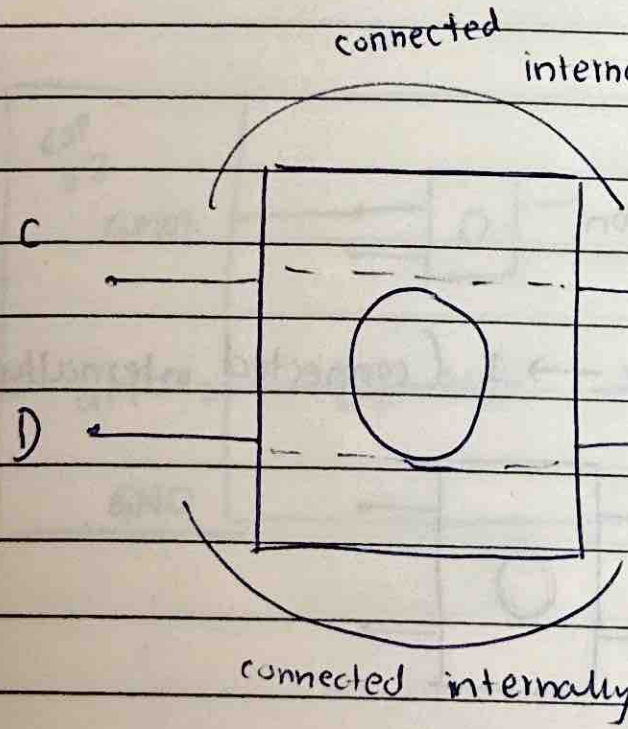
T.H → 300, 400, 500] condition (if, else)

NO Date



→ neopixel ring

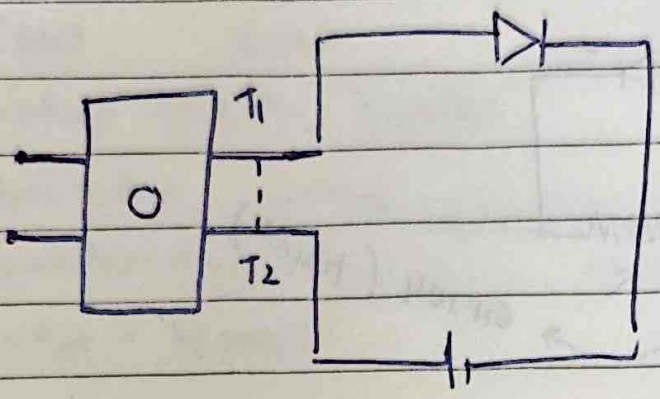
PUSH BUTTON



on ~~f~~ pressing button A & B get connected

NO Date

Push button Switch

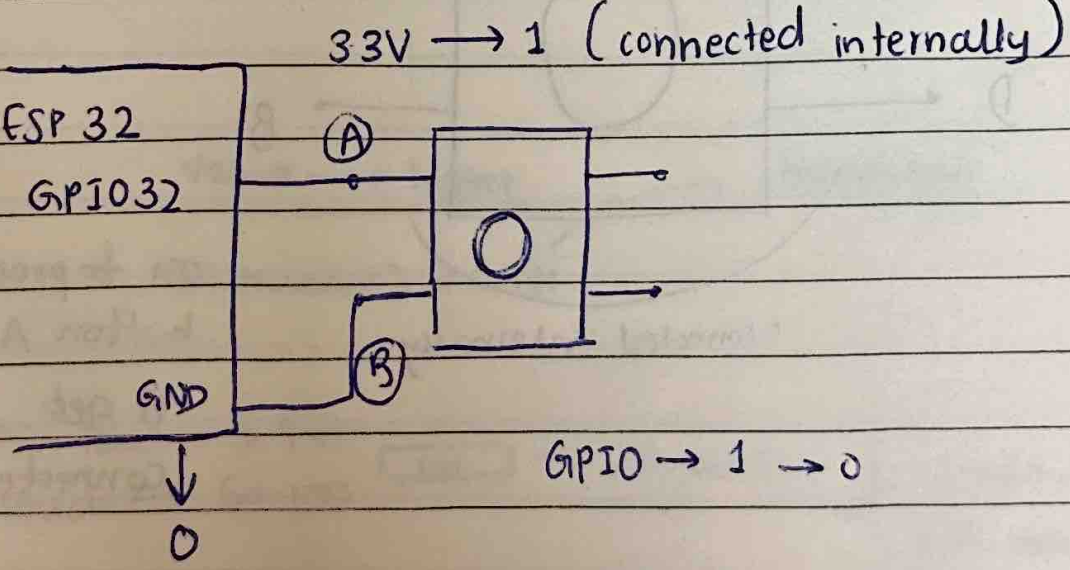


if

& else

#CIRCUIT DIAGRAM :

ESP32 & push button

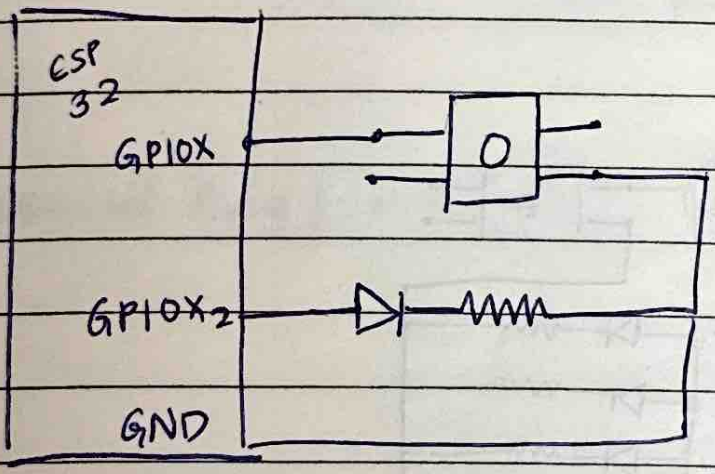


NO Date

ACTIVITY:

Indicator (Right & Left)

4 LED
2 PUSH BUTTONS
1st PRESS → Right
2nd PRESS → Left



NO Date