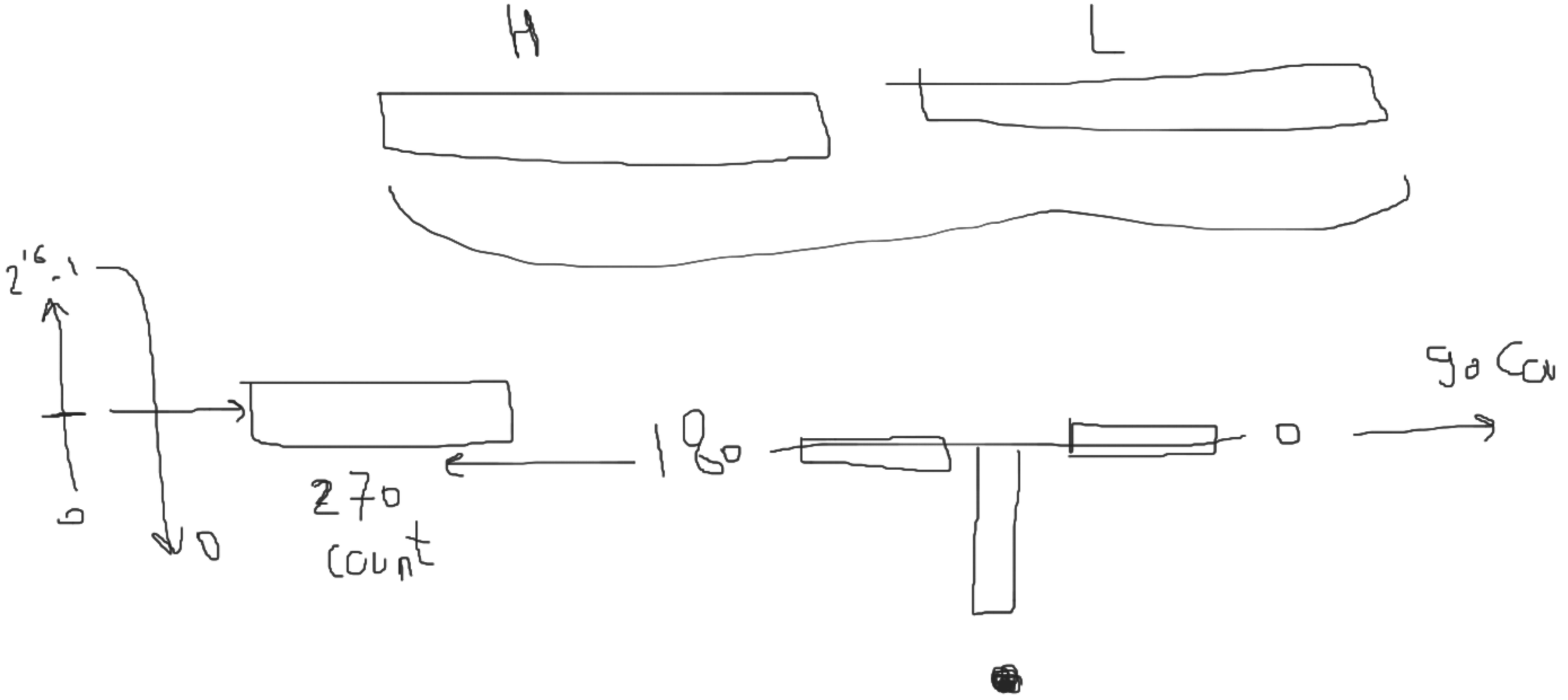
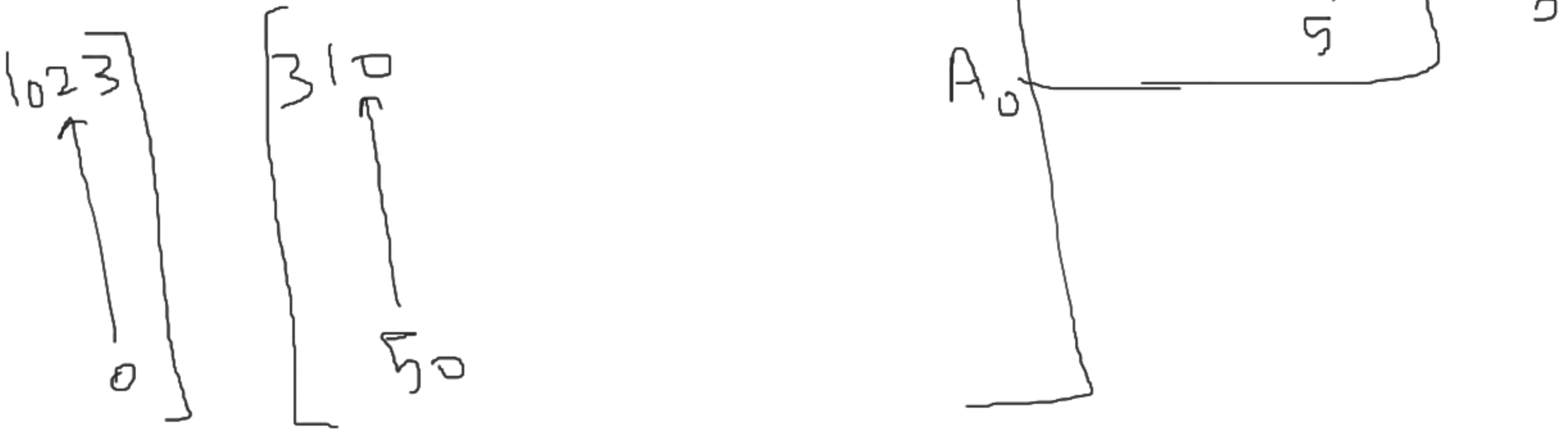
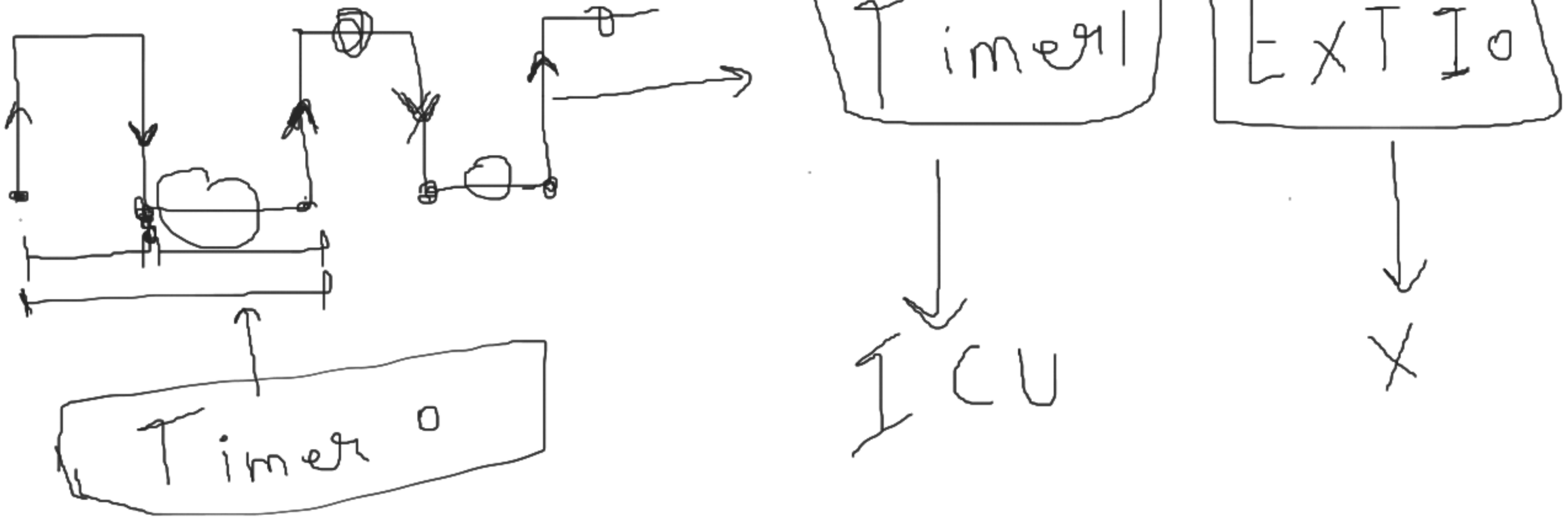
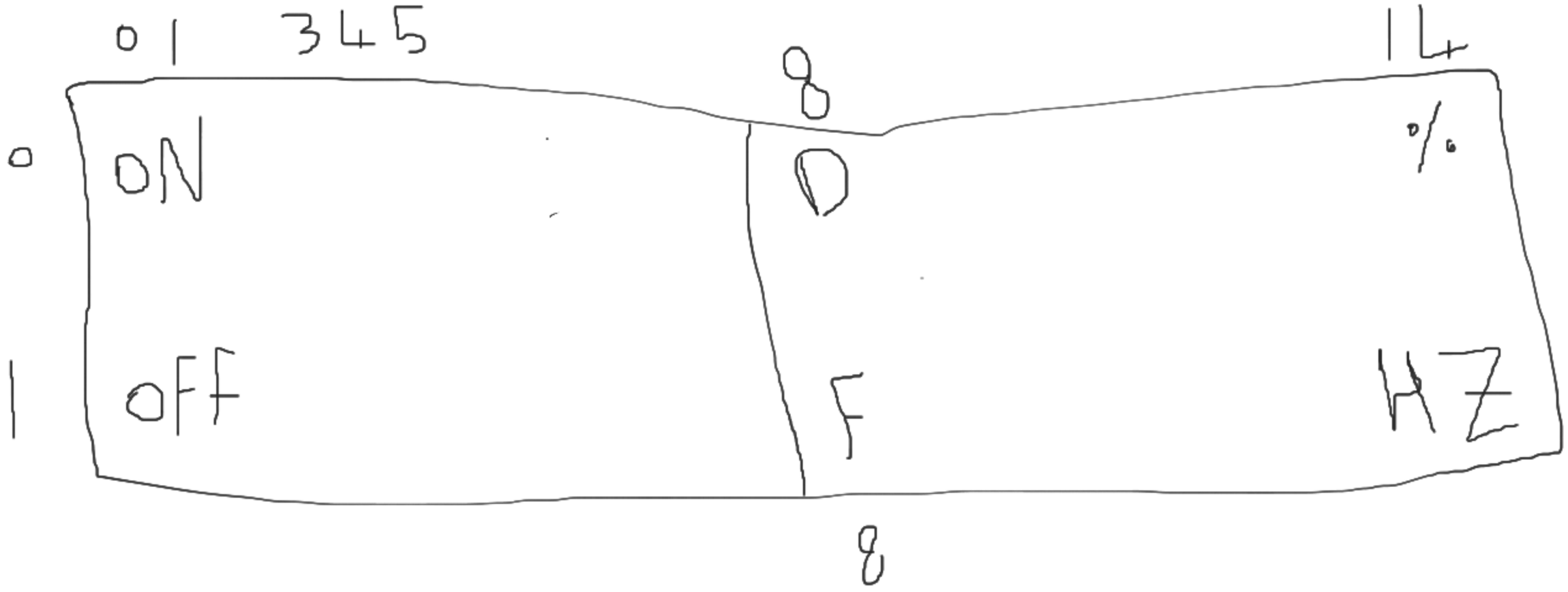
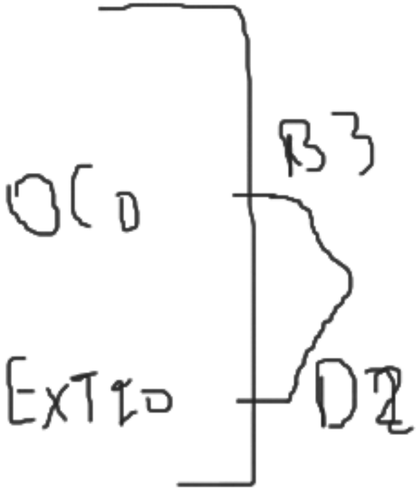
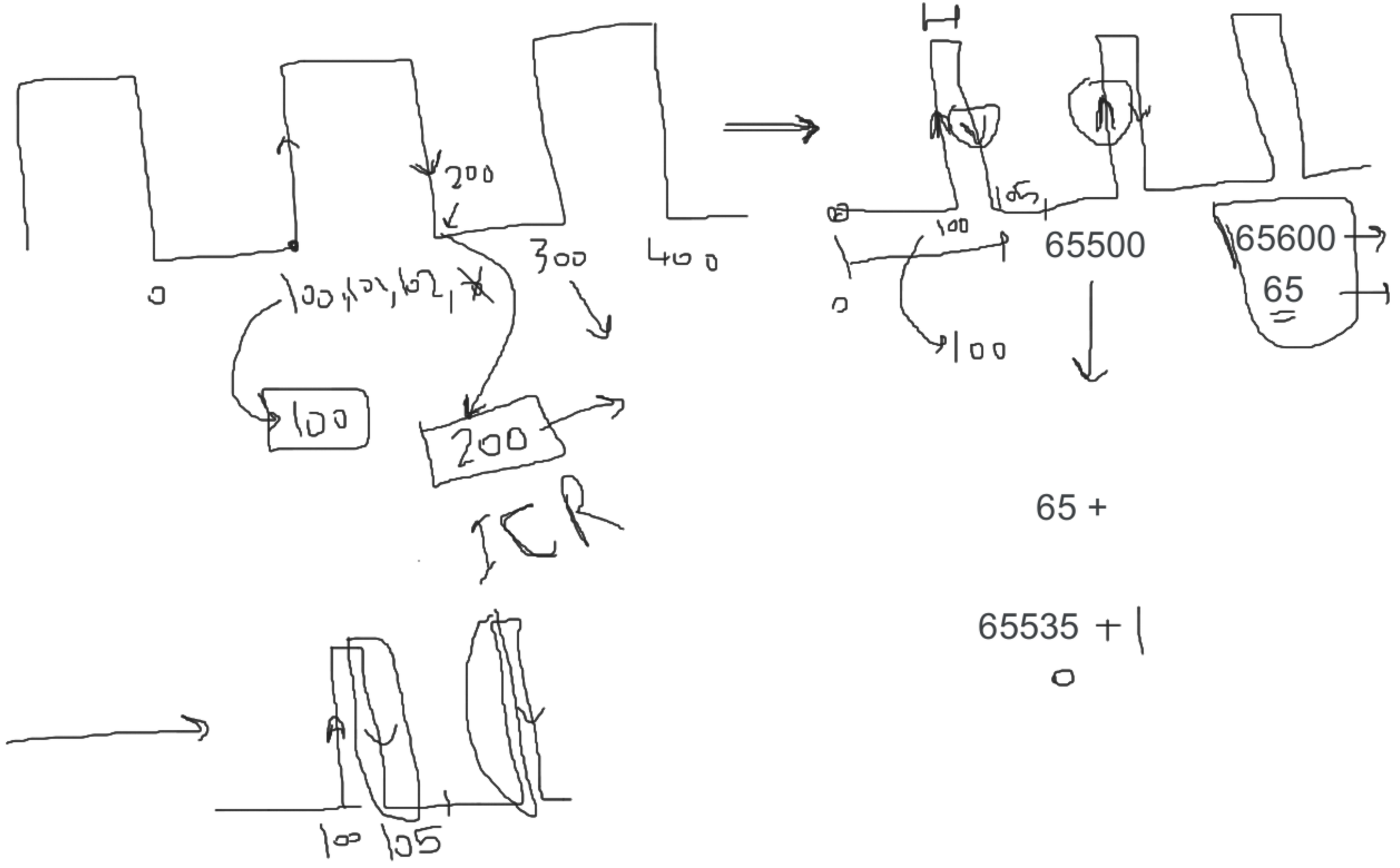

H
L
$2^{16}-1$
0
270
count
180
0
90 CCW

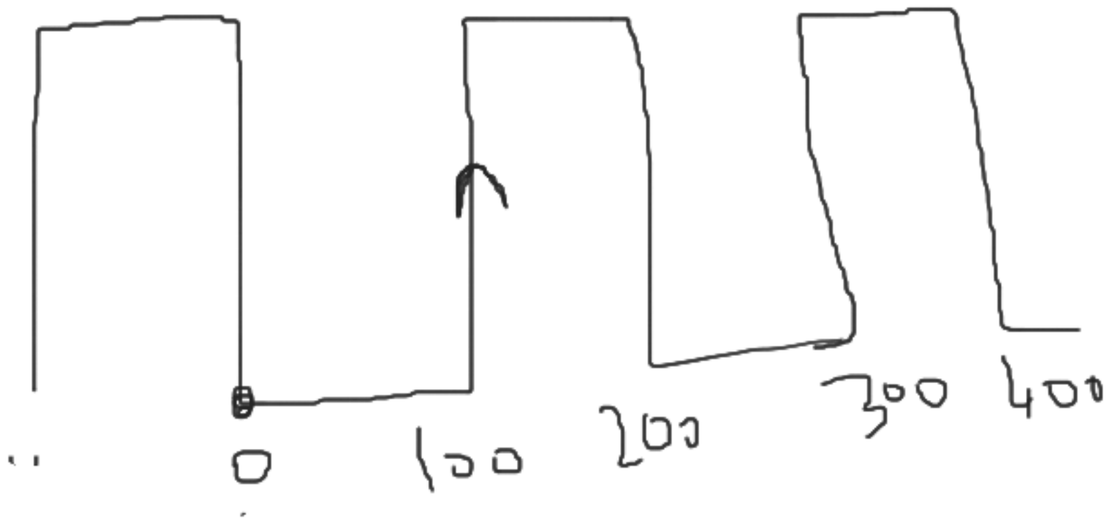

1023
0
3210
50
A0
5
0


Timer 1
EXTIo
ICU
X
Timer 0


0 1 345
8
11+
0
ON
D
%
1
OFF
F
HZ
8

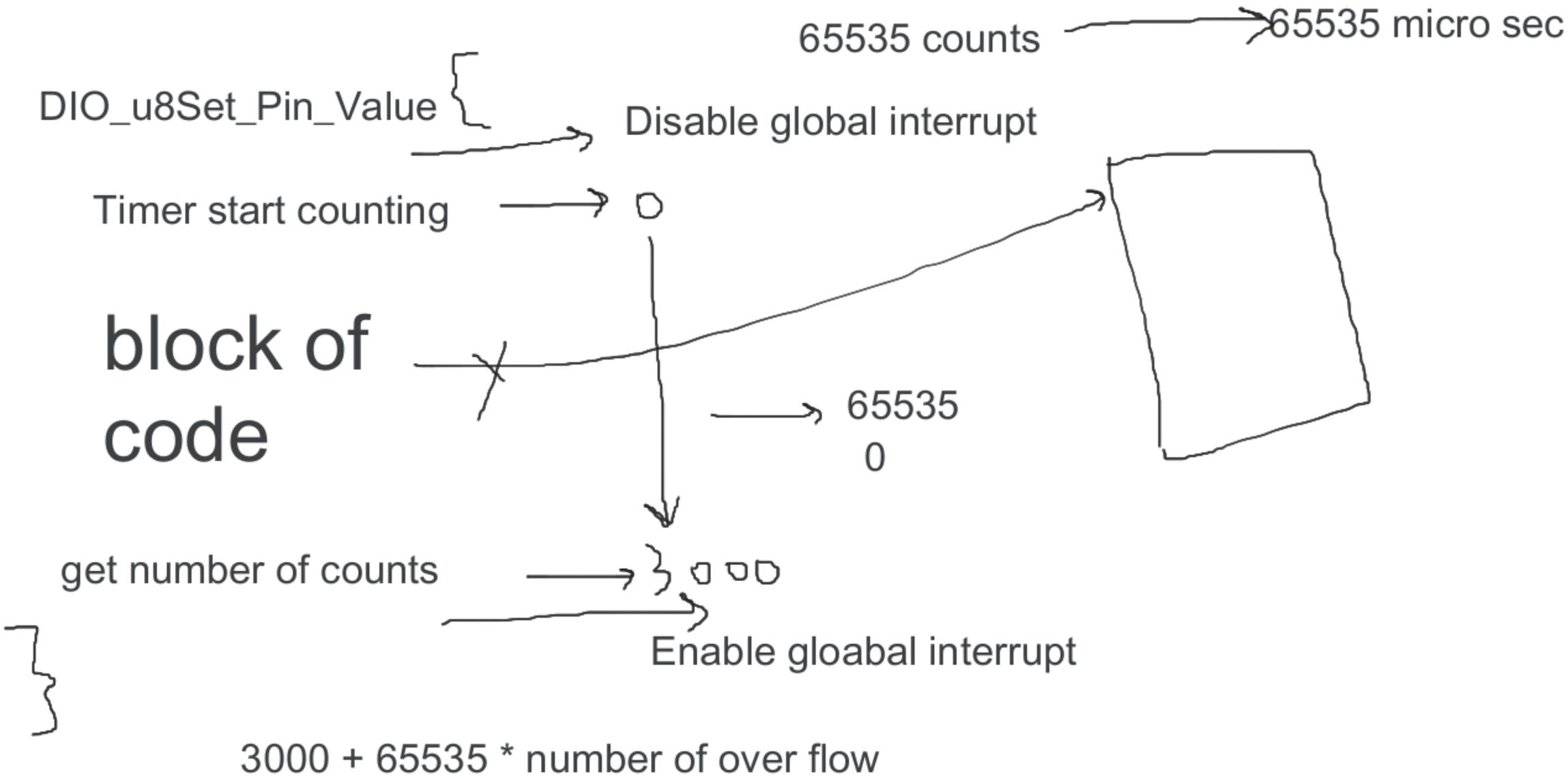

B3
OCD
EXTID
D2


200
300
400
100
200
ICR
65500
65600
65
100
65 +
65535 + 1
0



off = ICR - ON off = 100 - 0 = 100 off = 300 - 100 = 200

on = ICR - OFF on = 200 - 100 = 100

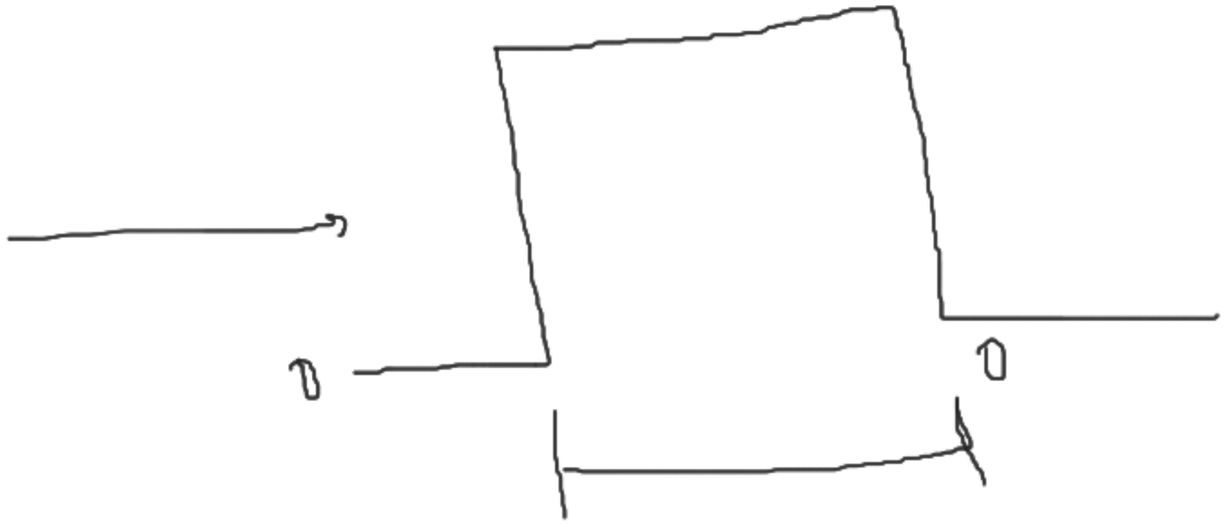

65535 counts
65535 micro sec
DIO_u8Set_Pin_Value
Disable global interrupt
Timer start counting
block of code
65535
0
get number of counts
Enable gloabal interrupt
3000 + 65535 * number of over flow

DIO_u8SetPinValue {

Disable global interrupt

unused dio pin --> Set high

block of code



unused dio pin--> clear

}