

UIG

19566

Dina Rodriguez

Lab #4

Semáforo

↳ contador → Pseudocódigo *

pushbutton 1()

Cont1 = Cont1++;

port X = Cont1;

pushbutton 2()

Cont2 = Cont2++;

port X = Cont2;

interrupción . X ()

← push

if (Port X0 == 0 || port X 1 == 0)
semáforo();

Semáforo() {

led 1 = High;

delay (x);

led 1 = low;

led 2 = high;

delay (x);

led 2 = low;

led 3 = high;

delay (x);

led 3 = low;

Cont1(1) {

if (pushbutton1 == 0) {

Cont1 = Cont1++;

port x = cont1;

}

} x 2
cont cont2

if (port x bits Px7 == 1 || Port x bits Px7 == -7) {
Cont1 = Cont2 = 0;