

START

on_off_mode = OFF
button_mode = first_push
lcd_flag = OFF
counter1 = 0
TIMER1_flag = OFF
Led_flag = OFF
ADC_counter = 0
counter = 0

EEPROM_readData(0x50) = 255

NO

Desired_temp = EEPROM_readData(0x50)

YES

Desired_temp = 60

NO

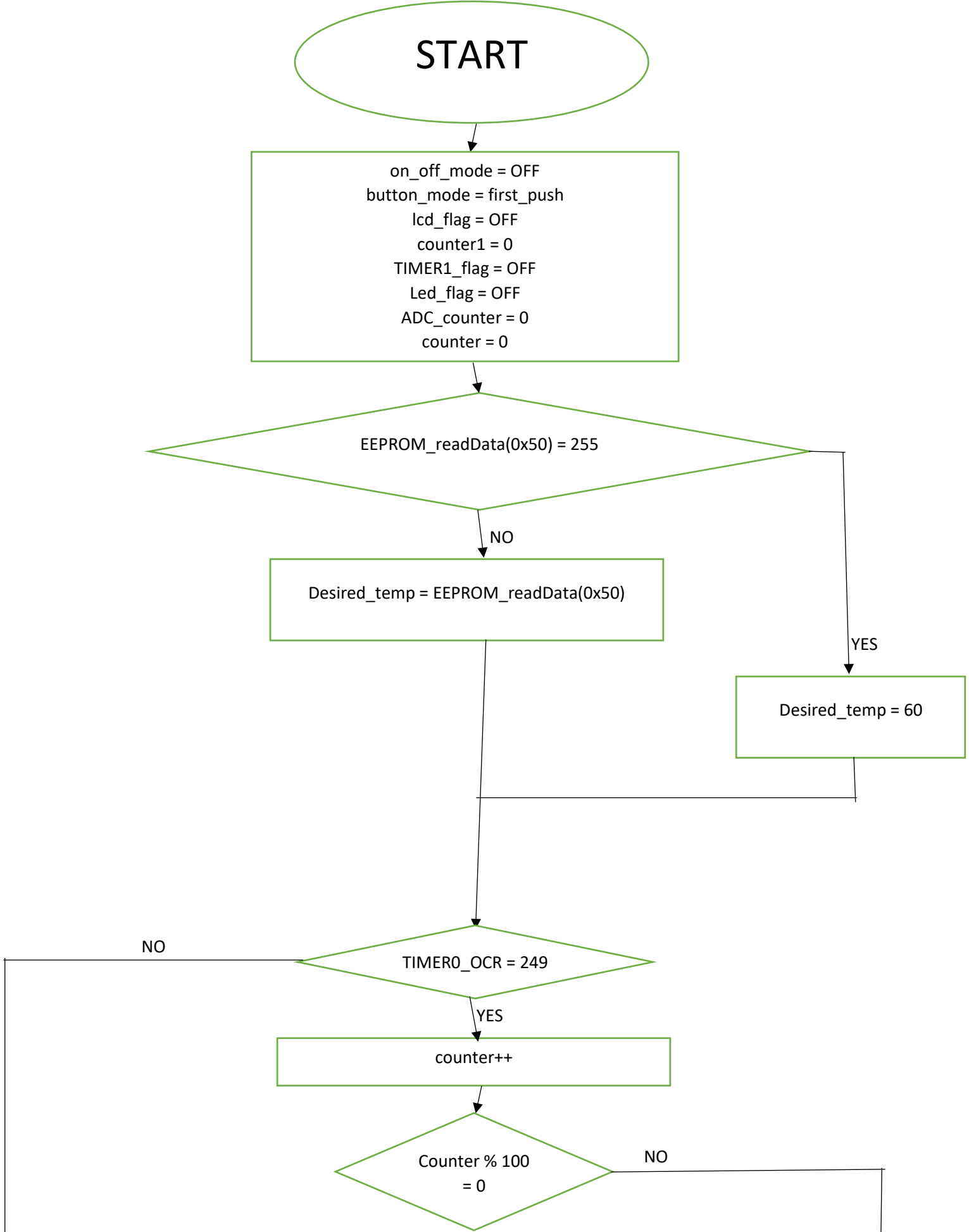
TIMER0_OCR = 249

YES

counter++

Counter % 100
= 0

NO



YES

Counter = 0

YES

ADC_counter <
10

NO

YES

arr[ADC_counter] = ADC_read(ADC0);
ADC_counter++;

INT0 (on_off_button) = HIGH

NO

YES

on_off_mode = ON

NO

YES

on_off_mode = OFF

on_off_mode = ON
lcd_flag = ON

