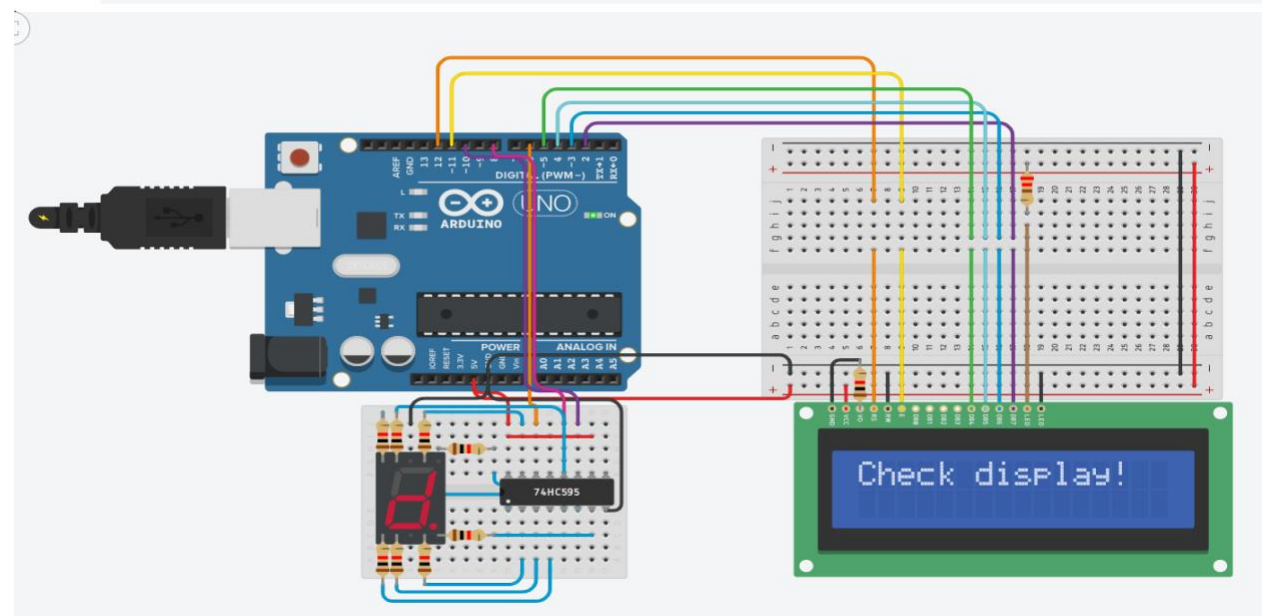
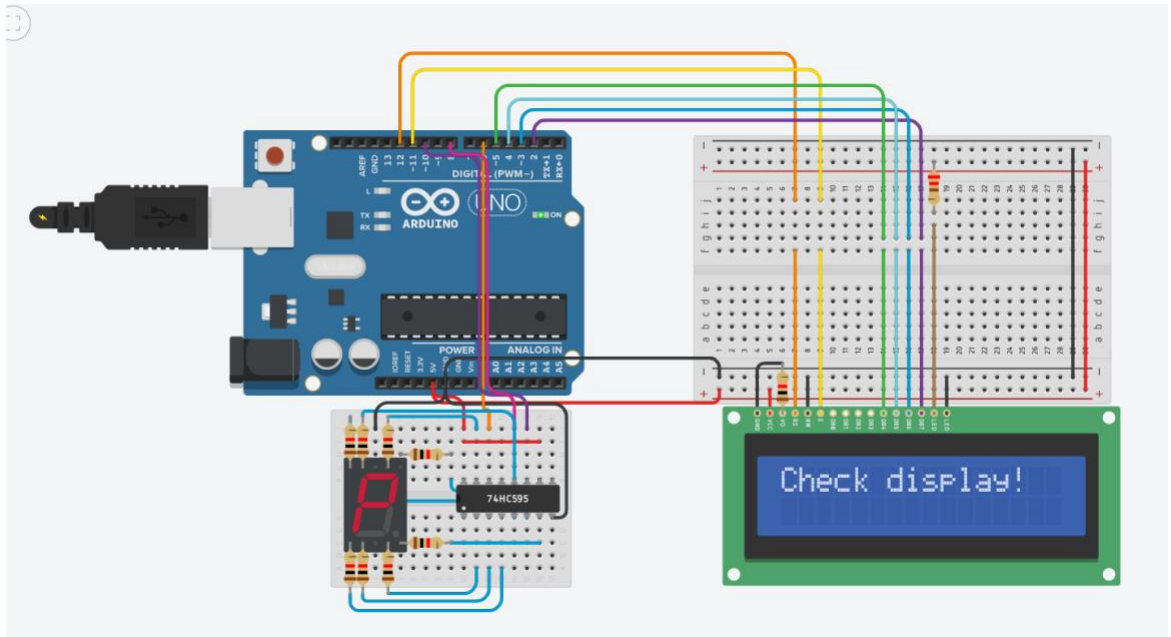
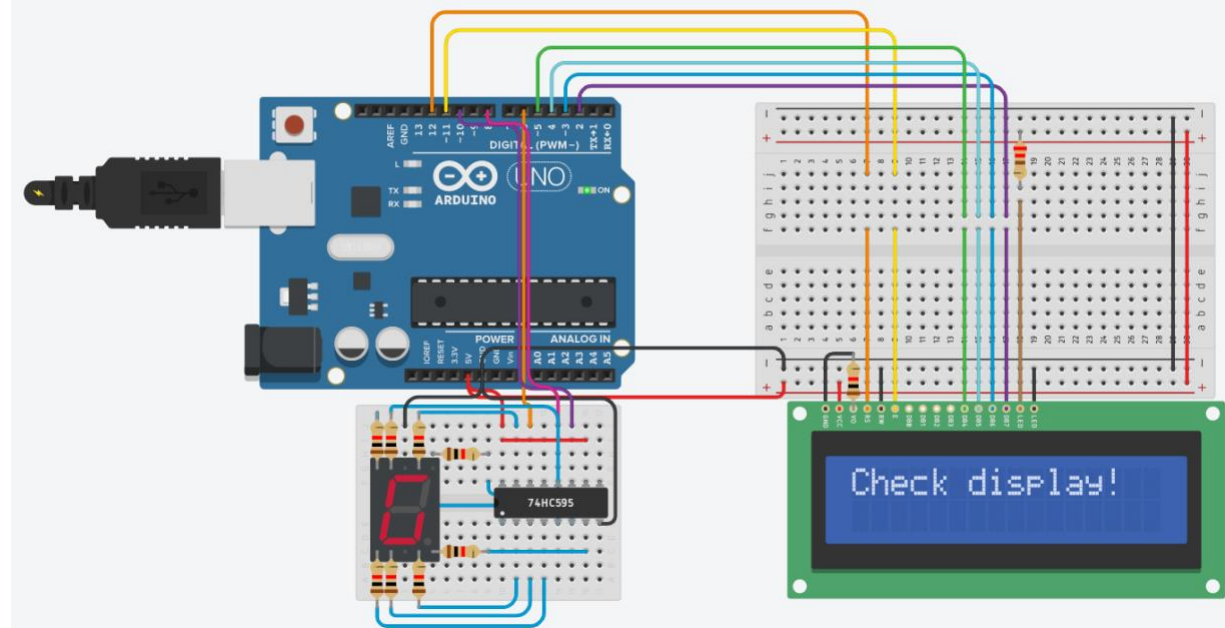
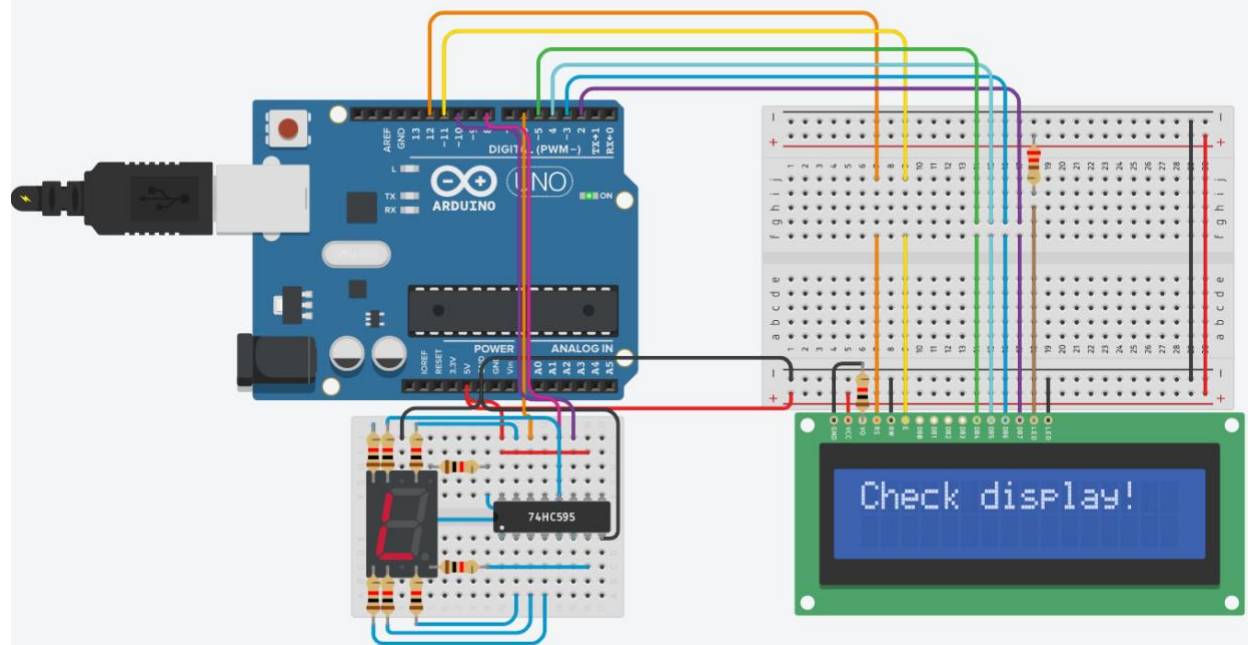


BIOSHARDWARE - TASK2

Circuit:

FLAG=....





Code :

```
1 // include the library code:
2 #include <LiquidCrystal.h>
3 // initialize the library with the numbers of the interface pins
4 LiquidCrystal lcd(12, 11, 5, 4, 3, 2);
5 String ch;
6 int num[13]={142,28,238,188,18,206,123,28,188};
7 #define DATA 6      // connect to pin 14 on the 74HC595
8 #define LATCH 8      // connect to pin 12 on the 74HC595
9 #define CLOCK 10     // connect to pin 11 on the 74HC595
10 void setup() {
11     // set up the LCD's number of columns and rows:
12     lcd.begin(16, 2);
13     // Print a message to the LCD.
14     lcd.print("Hello, Hacker!");
15     delay(1500);
16     lcd.clear();
17     Serial.begin(9600);
18 }
19
20 void loop()
21 {
22     lcd.print("Welcome....");
23     delay(2000);
24     lcd.clear();
25     display();
26 }
27
28 void display()
29 {
30     while(1)
31     {
32         lcd.clear();
33         lcd.setCursor(0,0);
34         lcd.print("Check display!");
35         for (int i = 0 ; i < 13 ; i++ )
36         {
37             digitalWrite(LATCH, LOW);
38             shiftOut(DATA, CLOCK, LSBFIRST, num[i]);    // +1 is to turn on the DP led
39             digitalWrite(LATCH, HIGH);
40             delay(5000);
41         }
42     }
43 }
```