

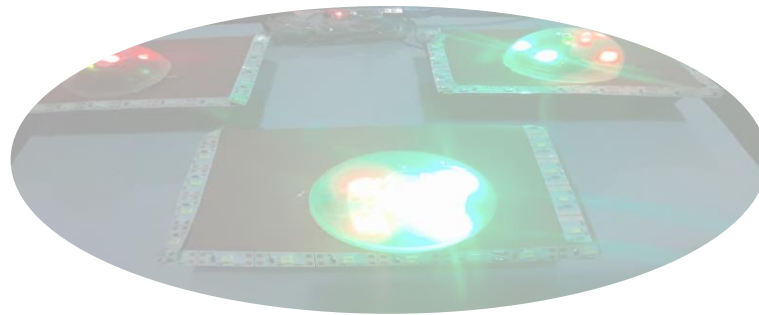
المركز المغربي للتكوين والبحث  
في تكنولوجيا المعلومات والاتصالات التربوية

Observatoire Marocain  
de la Formation et la Recherche  
en TICE (OMaFoR-TICE)



1<sup>er</sup> séminaire national  
Des enseignants développeurs  
Se ressources numériques

# Flash lumière d'attention



**HANANE NOREDDINE**

Agadir LE 15 JUILLET 2019

# L'application:

02:17 17%



Login

Se connecter

HANANE NOREDDINE

02:17 17%



Login

Se connecter

HANANE NOREDDINE

02:17 17%

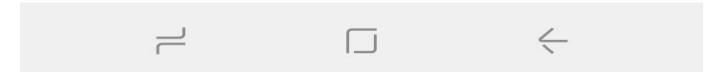
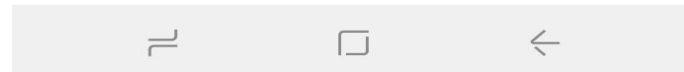
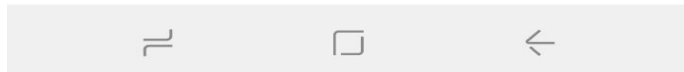


Activer la signalisation

TABLE 1	TABLE 2	TABLE 3
 	 	 
 	 	 

Déconnexion

HANANE NOREDDINE



# Flash\_d\_attention

Screen3 ▾ Add Screen ... Remove Screen

Designer Blocks

## Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Colors
- Variables
- Procedures

Screen3

- Label23
- Image1
- HorizontalScrollArrang
- Label22
- HorizontalScrollArrang

## Viewer

when ListPicker1 .BeforePicking

do set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

when Screen3 .Initialize

do

- set BR1ON . Visible to true
- set BR1OFF . Visible to true
- set BR2ON . Visible to true
- set BR2OFF . Visible to true
- set BR3ON . Visible to true
- set BR3OFF . Visible to true
- set Button1VON . Visible to true
- set Button1VOFF . Visible to true
- set Button2VON . Visible to true
- set Button2VOFF . Visible to true
- set Button3VON . Visible to true
- set Button3VOFF . Visible to true

when ListPicker1 .AfterPicking

do

- if call BluetoothClient1 . Connect address ListPicker1 . Selection
- then

  - set Button1VON . Enabled to true
  - set Button1VOFF . Enabled to true
  - set Button2VON . Enabled to true
  - set Button2VOFF . Enabled to true
  - set Button3VON . Enabled to true
  - set Button3VOFF . Enabled to true
  - set BR1ON . Enabled to true
  - set BR1OFF . Enabled to true
  - set BR2ON . Enabled to true



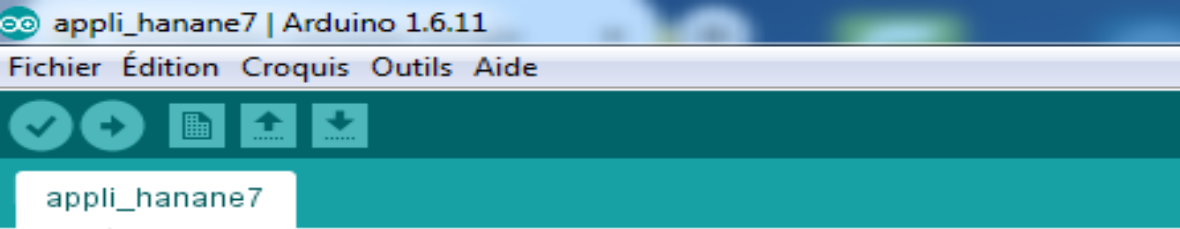
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Show Warnings

# Programme Arduino:



```
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1  #include <SoftwareSerial.h>
2  int bluetoothTx = 2;
3  int bluetoothRx = 3;
4  int dataFromBt;
5  int Lstr1=10 ;
6  int Lstr2=11 ;
7  int Lstr3=12 ;
8  int LEDr1 =4;
9  int LEDv1=5;
10 int LEDr2 =6;
11 int LEDv2 =7;
12 int LEDr3 =8;
13 int LEDv3 =9;
14
15 SoftwareSerial bluetooth(blueToothTx, blueToothRx);
16 ///////////////////////////////////////////////////////////////////
17 void setup()
18 {
19   pinMode (LEDr1, OUTPUT) ;
20   pinMode (LEDv1, OUTPUT) ;
21   pinMode (LEDr2, OUTPUT) ;
22   pinMode (LEDv2, OUTPUT) ;
23   pinMode (LEDr3, OUTPUT) ;
24   pinMode (LEDv3, OUTPUT) ;
25   pinMode (Lstr1, OUTPUT) ;
26   pinMode (Lstr2, OUTPUT) ;
27   pinMode (Lstr3, OUTPUT) ;
28 }
```

```
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appli_hanane7
27 pinMode(LEDv1, OUTPUT);
28
29 Serial.begin(9600);
30 bluetooth.begin(9600);
31 }
32 void loop()
33 {
34   if(bluetooth.available())
35   {
36     char data = Serial.read();
37     char dataFromBt = bluetooth.read();
38     //////////////////////////////////////
39     if(dataFromBt == 'A'){
40
41       digitalWrite(LEDv1, HIGH);
42       digitalWrite(Lstr1, HIGH);
43       delay(200);
44       digitalWrite(Lstr1, LOW);
45       delay(200);
46       digitalWrite(Lstr1, HIGH);
47       delay(200);
48       digitalWrite(Lstr1, LOW);
49       delay(200);
50   }
51
52   if(dataFromBt == 'B'){
53     digitalWrite(LEDv1, LOW);
54     digitalWrite(Lstr1, LOW);
```

```
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appli_hanane7
54     digitalWrite(LEDv1, LOW);
55
56 }
57 if(dataFromBt == 'C'){
58
59     digitalWrite(LEDv2,HIGH );
60     digitalWrite(Lstr2, HIGH);
61     delay(200);
62     digitalWrite(Lstr2, LOW);
63     delay(200);
64     digitalWrite(Lstr2, HIGH);
65     delay(200);
66     digitalWrite(Lstr2, LOW);
67     delay(200);
68 }
69
70 if (dataFromBt == 'D')
71 { digitalWrite(LEDv2, LOW);
72   digitalWrite(Lstr2, LOW);
73 }
74 if(dataFromBt == 'E'){
75
76     digitalWrite(LEDv3, HIGH);
77     digitalWrite(Lstr3, HIGH);
78     delay(200);
79     digitalWrite(Lstr3, LOW);
80     delay(200);
81     digitalWrite(Lstr3, HIGH);
```



appli\_hanane7

```
108 ▢ if(dataFromBt == '3'){
109
110     digitalWrite(LED2,HIGH );
111     digitalWrite(Lstr2, HIGH);
112     delay(200);
113     digitalWrite(Lstr2, LOW);
114     delay(200);
115     digitalWrite(Lstr2, HIGH);
116     delay(200);
117     digitalWrite(Lstr2, LOW);
118     delay(200);
119 }
120
121 if (dataFromBt == '4')
122 ▢ { digitalWrite(LED2, LOW);
123     digitalWrite(Lstr2, LOW);
124 }
125 ▢ if(dataFromBt == '5'){
126
127     digitalWrite(LED3,HIGH );
128     digitalWrite(Lstr3, HIGH);
129     delay(200);
130     digitalWrite(Lstr3, LOW);
131     delay(200);
132     digitalWrite(Lstr3, HIGH);
133     delay(200);
134     digitalWrite(Lstr3, LOW);|
---
```



# La maquette:

