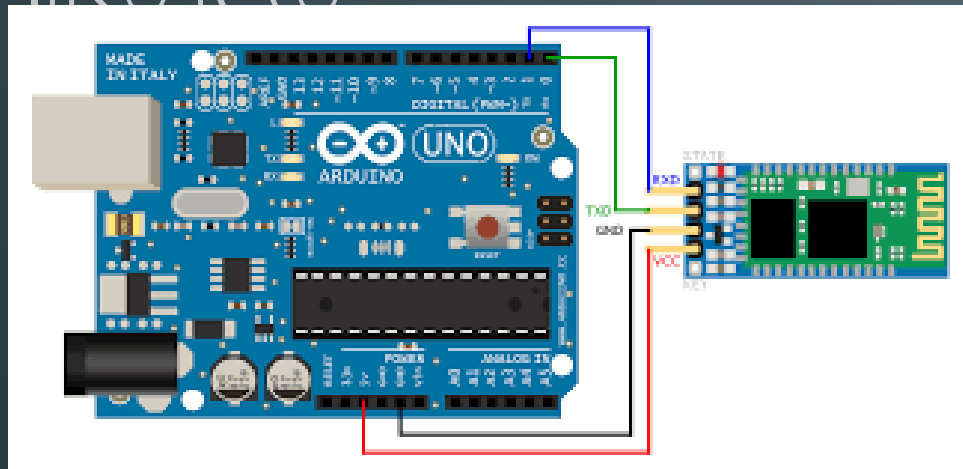


A glowing light bulb with a circuit board overlay. The light bulb is on the right side of the image, with its filament glowing brightly. A circuit board overlay is visible on the left side of the image, with lines connecting to the light bulb. The background is a solid blue color.

DISEÑO DE TELECOMUNICACIONES INALÁMBRICAS – PROGRAMACIÓN – APK PARA CELULAR



COMPONENTES



MIT APP
INVENTOR

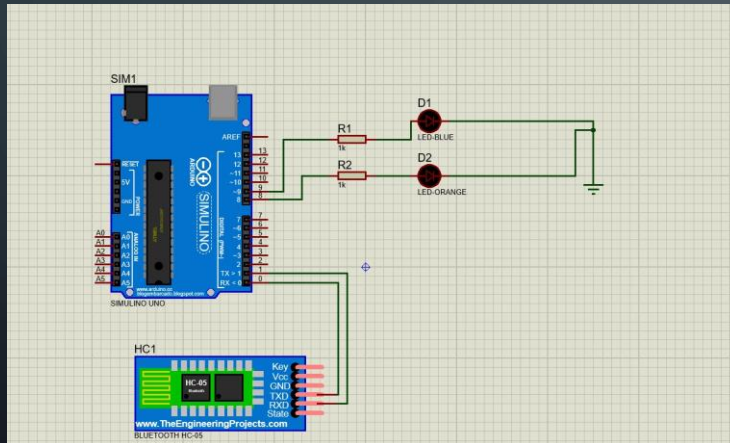


ARDUINO IDE



PLACA
BLUETOOTH

APP ARDUINO IDE



```
Blutuuuu_ARDUINO.ino
1  int led1 = 2;
2  int led2 = 3;
3
4  int estado = 0;
5
6  void setup()
7  {
8      Serial.begin(9600);
9      pinMode(led1, OUTPUT);
10     pinMode(led2, OUTPUT);
11 }
12
13 void loop()
14 {
15     if( Serial.available()>0)
16     {
17         estado = Serial.read();
18     }
19     switch( estado)
20     {
21         case 'a':
22             digitalWrite(led1, HIGH);
23             break;
24         case 'b':
25             digitalWrite(led1, LOW);
26             break;
27
28         case 'c':
29             digitalWrite(led2, HIGH);
30             break;
31         case 'd':
32             digitalWrite(led2, LOW);
33             break;
34     }
35 }
```

PROCESO Y FUNCIONAMIENTO

