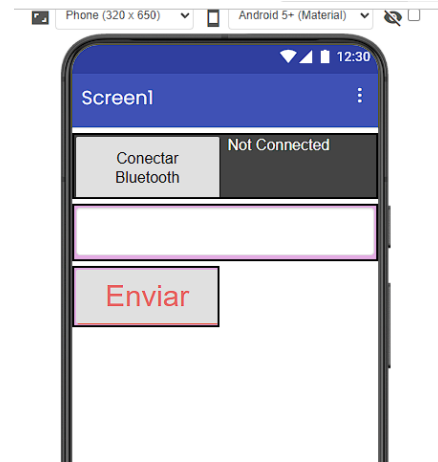
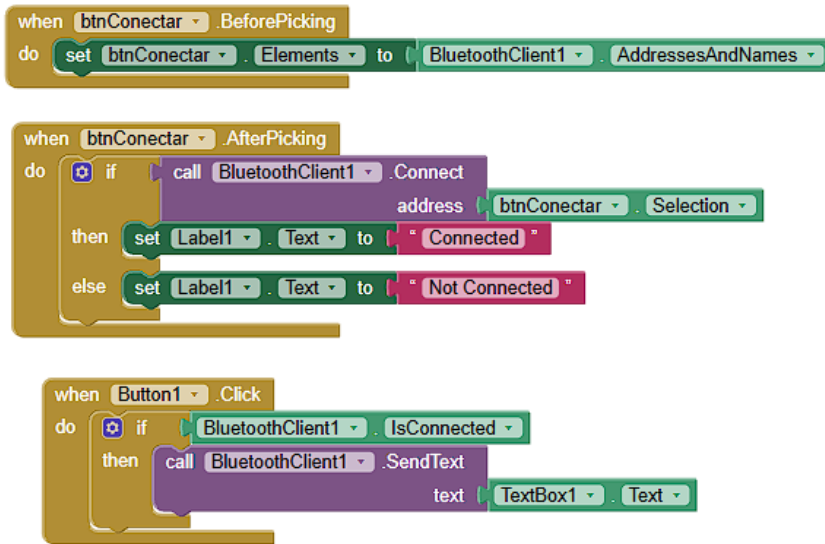


# ACTIVIDAD 1

MIT App:



Código en ArduinoIDE:

```
#include <Wire.h>
```

```
#include <LiquidCrystal.h>
```

```
#include <BluetoothSerial.h>
```

```
BluetoothSerial SerialBT;
```

```
LiquidCrystal lcd(21, 19, 25, 32, 26, 33);
```

```
void setup() {
```

```
    Serial.begin(115200);
```

```
    SerialBT.begin("ESP32_LCD_AMI"); // Nombre del dispositivo Bluetooth
```

```
    lcd.begin(16, 2);
```

```
    lcd.setCursor(0, 0);
```

```
    lcd.print("Esperando...");
```

```
}
```

```
void loop() {
```

```
    if (SerialBT.available()) {
```

```
        String mensaje = SerialBT.readString();
```

```
lcd.clear();  
lcd.setCursor(0, 0);  
lcd.print(mensaje);  
Serial.println("Recibido: " + mensaje);  
}  
}
```

Video:

[https://drive.google.com/file/d/1m\\_HkItRUC-HdV4DUFpZdXMV-yLBSMxXa/view?usp=sharing](https://drive.google.com/file/d/1m_HkItRUC-HdV4DUFpZdXMV-yLBSMxXa/view?usp=sharing)