## فالاسبوع الثالث تم عمل مهمتين هما:

## Robot arm - 1

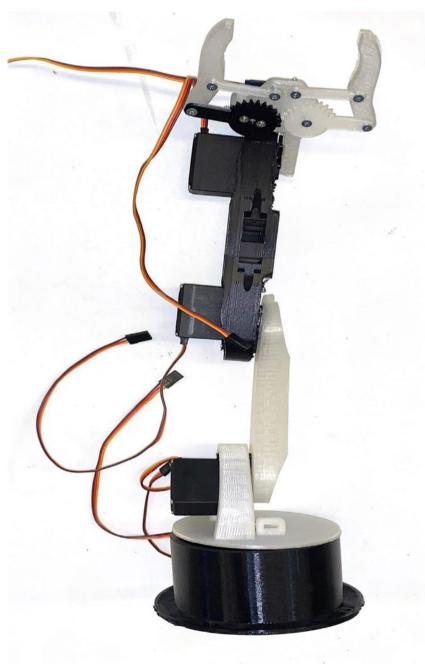


Figure: 1

## 2 - Esp32 فالمرة الأولى تحكمنا بمدة الإضاءة عن طريق الكود

```
modified 8 May 2014
by Scott Fitzgerald
modified 2 Sep 2016
by Arture Guadalupi
modified 3 Sep 2016
by Arture Guadalupi
modified 8 Sep 2016
by Colby Newman

This example code is in the public domain.

https://www.arduind.co/dn/Tutorial/BuilfInexamples/Blink

// the setup function runs once when you press reset or power the board
void setup() {
    // initialize digital pin LED BUILTIN as an output.
    pinMode(LED BUILTIN, OUTPOT);
}

// the loop function runs over and over again forever
void loop() {
    digitalwrite(LED BUILTIN, HIGH); // turn the LED on (HIGH is the voit delay(5000);
    delay(5000);
    delay(5000);

// wait for a second
delay(5000);

// wait for a second

// wait for a second
```

Figure: 2

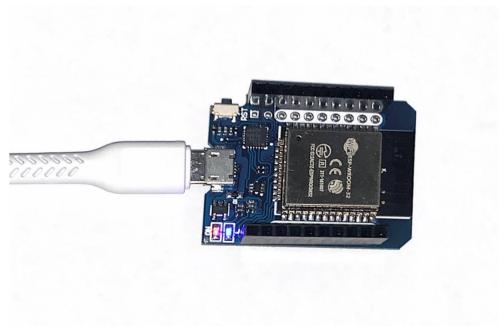


Figure: 3

## وفي المرة الثانية تم التحكم بالاضاءة عن طريق البلوتوث:





Figure:4

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