

# PRINCIPIOS PARA IOT

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4”B”



**Semáforo  
Tinkercad**



## Código

```
int counter;

void setup()
{
  pinMode(13, OUTPUT);
  pinMode(6, OUTPUT);
  pinMode(7, OUTPUT);
  pinMode(8, OUTPUT);
}

void loop()
{
  digitalWrite(13, HIGH);
  delay(1000); // Wait for 1000 millisecond(s)
  digitalWrite(13, LOW);
  delay(1000); // Wait for 1000 millisecond(s)
  digitalWrite(6, HIGH);
  delay(5000); // Wait for 5000 millisecond(s)
  digitalWrite(6, LOW);
  digitalWrite(7, HIGH);
  delay(1000); // Wait for 1000 millisecond(s)
  for (counter = 0; counter < 3; ++counter) {
    digitalWrite(7, LOW);
    delay(1000); // Wait for 1000 millisecond(s)
    digitalWrite(7, HIGH);
    delay(1000); // Wait for 1000 millisecond(s)
  }
  digitalWrite(7, LOW);
  digitalWrite(8, HIGH);
  delay(5000); // Wait for 5000 millisecond(s)
  digitalWrite(8, LOW);
}
```