

```
const int a = 6;  
const int b = 7;  
const int c = 8;  
const int d = 9;  
const int e = 10;  
const int f = 11;  
const int in = 5;  
const int out = 12;  
int seal = 0 ;  
int t = 100;
```

```
void setup() {  
  pinMode (in, INPUT);  
  pinMode (a, OUTPUT);  
  pinMode (b, OUTPUT);  
  pinMode (c, OUTPUT);  
  pinMode (d, OUTPUT);  
  pinMode (e, OUTPUT);  
  pinMode (f, OUTPUT);  
  pinMode (out, OUTPUT);  
  Serial.begin (9200);  
}
```

}

```
void loop() {  
    int seal = digitalRead (in);  
    Serial.println (seal);  
    if (seal == HIGH) {  
        accion ();  
    }  
    if (seal == LOW) {  
        apagado ();  
    }  
}  
  
void accion () {  
    digitalWrite (a, HIGH);  
    delay (t);  
    digitalWrite (a, LOW);  
    digitalWrite (b,HIGH);  
    delay (t);  
    digitalWrite (b, LOW);  
    digitalWrite (c,HIGH);  
    delay (t);
```

```
digitalWrite (c, LOW);  
digitalWrite (d,HIGH);  
delay (t);  
digitalWrite (d, LOW);  
digitalWrite (e,HIGH);  
delay (t);  
digitalWrite (e, LOW);  
digitalWrite (f,HIGH);  
delay (t);  
digitalWrite (f, LOW);  
digitalWrite (out,HIGH);  
delay (t);  
digitalWrite (out, LOW);  
  
}
```

```
void apagado (){  
    digitalWrite (a, LOW);  
    digitalWrite (b, LOW);  
    digitalWrite (c, LOW);  
    digitalWrite (d, LOW);
```

digitalWrite (e, LOW);

digitalWrite (f, LOW);

}