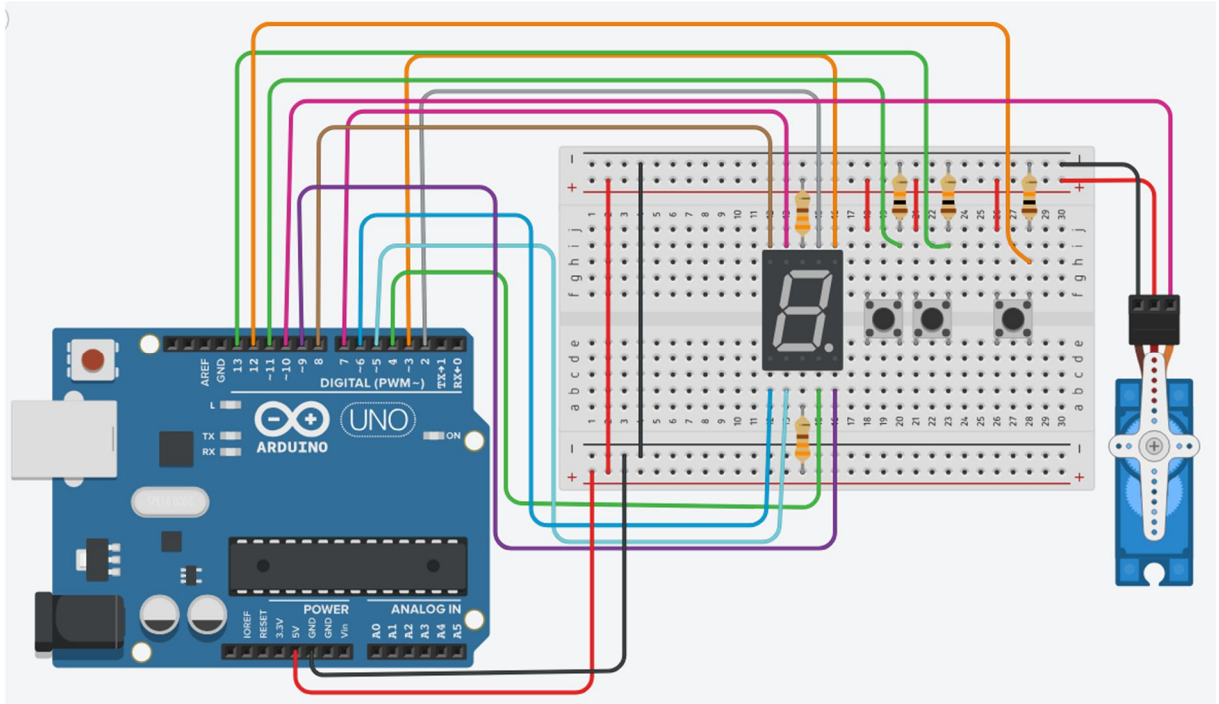


## Bölüm96: Otopark Yapımı 4



İçeride bulunan araç sayısını segment display ile görebileceğimiz ve buton ile giriş çıkış yapabileceğimiz bir otopark sistemi sizlerle . Detaylar videomuzda...

### Kullanılan Kodlar:

```
#define A 2
#define B 3
#define C 4
#define D 5
#define E 6
#define F 7
#define G 8
#define N 9

#include <Servo.h>

Servo motor;

int buton=13;
int butondurum;
int buton2=12;
int butondurum2;
int sayac = 0;
int buton3=11;
int butondurum3;

void setup()
{
  for(int i=2;i<10;i++){
    pinMode(i, OUTPUT);
```

```

}
pinMode(buton,INPUT);
motor.attach(10);
motor.write(0);
}

void loop()
{
butondurum=digitalRead(buton); //arttırma butonu okunuyor
if(butondurum==HIGH && sayac<9){
sayac=sayac+1;
motor.write(90);
while(1){
butondurum=digitalRead(buton);
if(butondurum==LOW)
return;

}
}
goster(sayac);

butondurum2=digitalRead(buton2); //azaltma butonu okunuyor
if(butondurum2==HIGH && sayac>0){
sayac=sayac-1;
motor.write(90);
while(1){
butondurum2=digitalRead(buton2);
if(butondurum2==LOW)
return;

}
}
goster(sayac);

butondurum3=digitalRead(buton3); // bariyer kapatma butonu

if(butondurum3==HIGH){

motor.write(0);
}

}
void goster (int rakam){

switch (rakam) {
case 0:
digitalWrite(A,LOW);
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,LOW);
digitalWrite(F,LOW);
digitalWrite(G,HIGH);
digitalWrite(N,HIGH);// sıfır yanar
break;
case 1:
digitalWrite(A,HIGH);

```

```
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,HIGH);
digitalWrite(E,HIGH);
digitalWrite(F,HIGH);
digitalWrite(G,HIGH);
digitalWrite(N,HIGH);// 1 yanar
  break;
  case 2:
digitalWrite(A,LOW);
digitalWrite(B,LOW);
digitalWrite(C,HIGH);
digitalWrite(D,LOW);
digitalWrite(E,LOW);
digitalWrite(F,HIGH);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 2 yanar
  break;
  case 3:
digitalWrite(A,LOW);
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,HIGH);
digitalWrite(F,HIGH);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 3yanar
  break;
  case 4:
digitalWrite(A,HIGH);
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,HIGH);
digitalWrite(E,HIGH);
digitalWrite(F,LOW);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 4 yanar
  break;
  case 5:
digitalWrite(A,LOW);
digitalWrite(B,HIGH);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,HIGH);
digitalWrite(F,LOW);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 5 yanar
  break;
  case 6:
digitalWrite(A,LOW);
digitalWrite(B,HIGH);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,LOW);
digitalWrite(F,LOW);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 6 yanar
  break;
  case 7:
digitalWrite(A,LOW);
```

```
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,HIGH);
digitalWrite(E,HIGH);
digitalWrite(F,HIGH);
digitalWrite(G,HIGH);
digitalWrite(N,HIGH);// 7 yanar
  break;
  case 8:
digitalWrite(A,LOW);
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,LOW);
digitalWrite(F,LOW);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 8 yanar
  break;
  case 9:
digitalWrite(A,LOW);
digitalWrite(B,LOW);
digitalWrite(C,LOW);
digitalWrite(D,LOW);
digitalWrite(E,HIGH);
digitalWrite(F,LOW);
digitalWrite(G,LOW);
digitalWrite(N,HIGH);// 9 yanar
  break;
}
}
```

<https://tinkercadilearduino.blogspot.com/2018/10/bolum96-otopark-yapm-4.html>