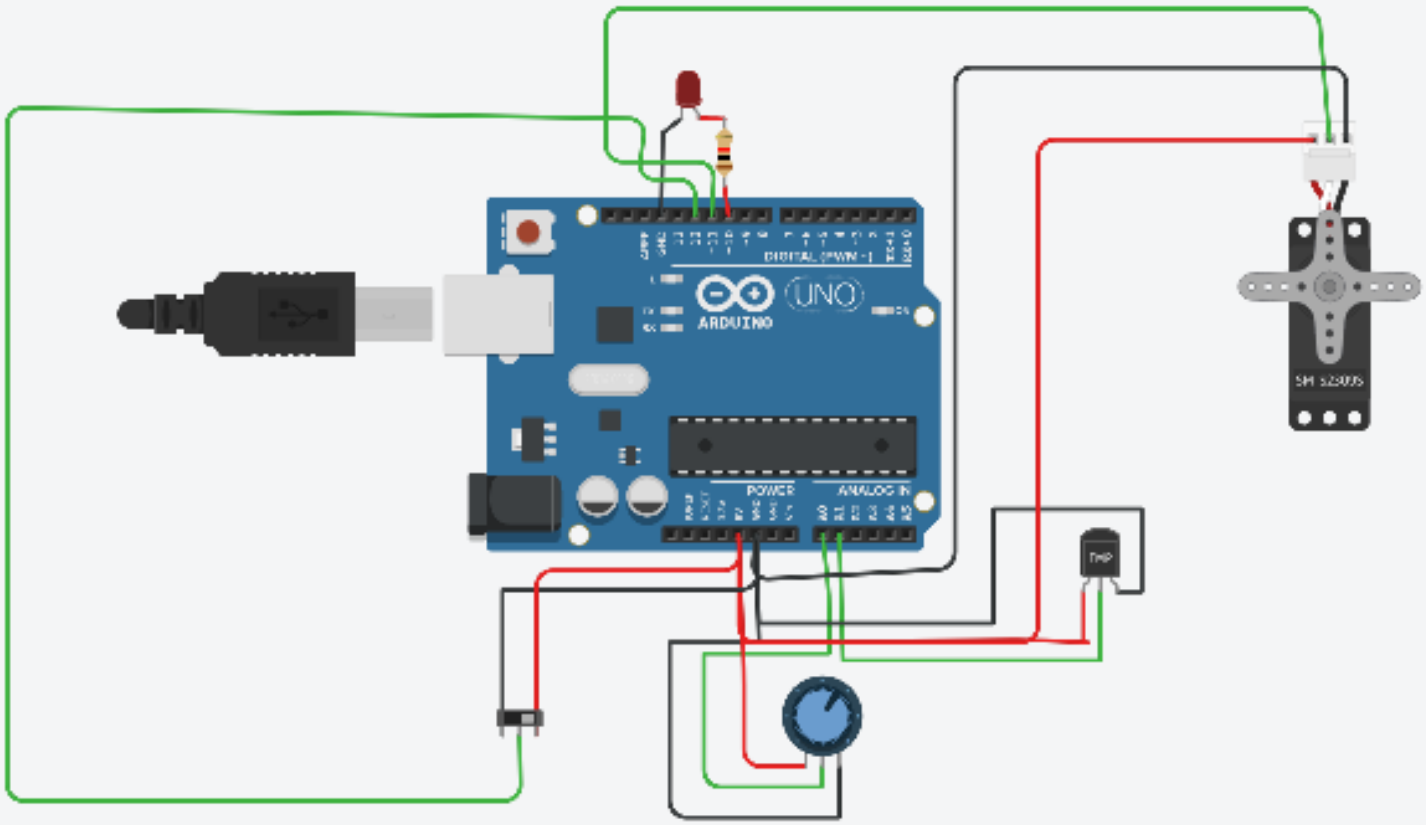

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Program

```
#include<Servo.h>
int reading=0;
Servo servo_11;
void setup()
{
  pinMode(12,INPUT);
  pinMode(A0,INPUT);
  pinMode(10,OUTPUT);
  servo_11.attach(11);
  pinMode(A1,INPUT);
}
void loop()
{
  if (digitalRead(12)==0) {
    reading=analogRead(A0);
    analogWrite(10,(reading*0.18));
    servo_11.write((reading*0.25));
  } else {
    reading=analogRead(A1);
    analogWrite(10,(reading*0.75-15.09));
    servo_11.write((reading*0.53-10.65));
  }
}
```

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