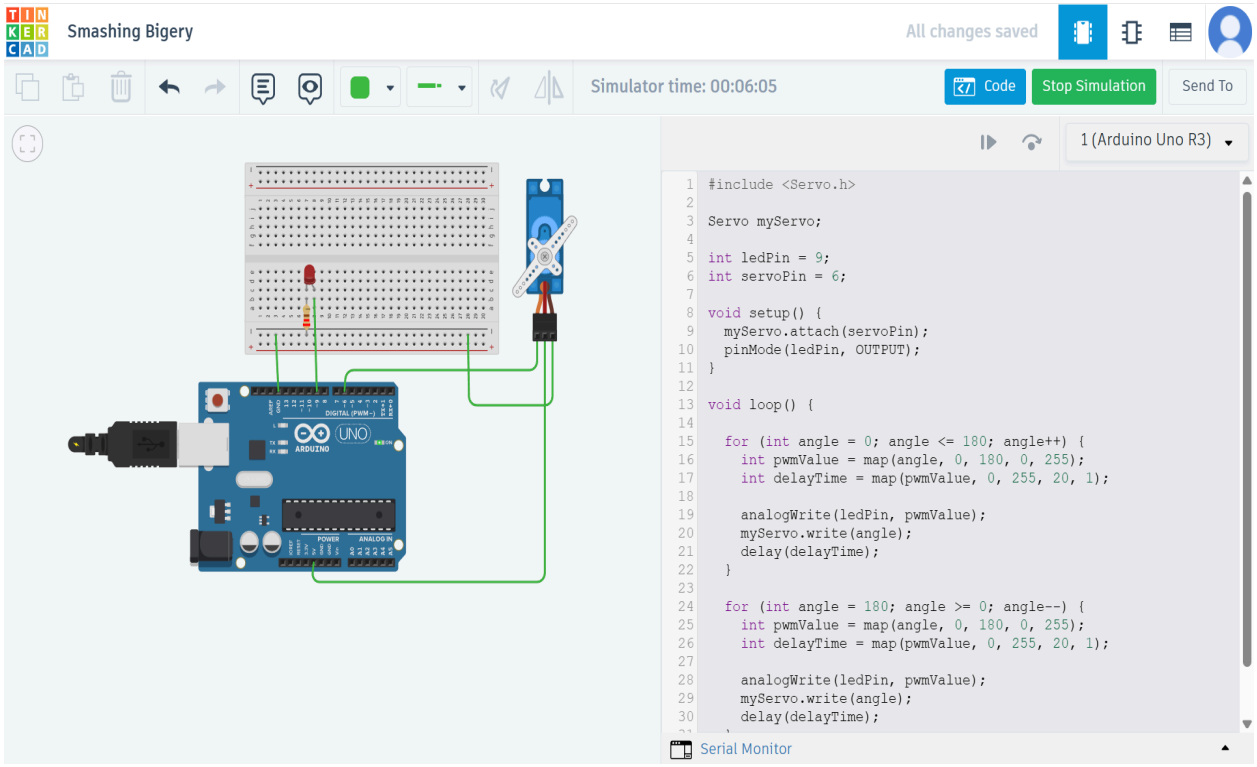
OUTPUT:


Smashing Bigery
All changes saved
Simulator time: 00:06:05
Code
Stop Simulation
Send To
1 (Arduino Uno R3)
#include <Servo.h>
Servo myServo;
int ledPin = 9;
int servoPin = 6;
void setup() {
myServo.attach(servoPin);
pinMode(ledPin, OUTPUT);
}
void loop() {
for (int angle = 0; angle <= 180; angle++) {
int pwmValue = map(angle, 0, 180, 0, 255);
int delayTime = map(pwmValue, 0, 255, 20, 1);
analogWrite(ledPin, pwmValue);
myServo.write(angle);
delay(delayTime);
}
for (int angle = 180; angle >= 0; angle--) {
int pwmValue = map(angle, 0, 180, 0, 255);
int delayTime = map(pwmValue, 0, 255, 20, 1);
analogWrite(ledPin, pwmValue);
myServo.write(angle);
delay(delayTime);
Serial Monitor