Title: Funky Hango

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Made with Tinkercad®

```
19  void loop()
20  {
21      int s1 = analogRead(A0);
22      int s2 = analogRead(A1);
23      //Serial.println(s1);
24      Serial.println(s2);
25  delay(10);
26  if(s2<700)
27  { for (pos = 0; pos <= 180; pos += 2) {
28
29      myservo.write(pos);
30      delay(5);
31  }
32  for (pos = 180; pos >= 0; pos -= 2) {
33      myservo.write(pos);
34      delay(5);
35  }
36  delay(2000);
37  }
38  if(s1>500)
39  {
40      digitalWrite(13, HIGH);
41  }
42  if(s1<500)
43      {
44      digitalWrite(13, LOW);
45      }
46  }
```

Serial Monitor

```
1023
1023
1023
1023
```

```cpp
#include <Servo.h>

Servo myservo;

int pos = 0;

void setup()
{
Serial.begin(9600);
pinMode(13, OUTPUT);
pinMode(11, OUTPUT);
pinMode(A0, INPUT);
pinMode(A1, INPUT);
myservo.attach(11);

}

void loop()
{
int s1 = analogRead(A0);
int s2 = analogRead(A1);
//Serial.println(s1);
Serial.println(s2);
delay(10);
if(s2<700)
{ for (pos = 0; pos <= 180; pos += 2) {

myservo.write(pos);
delay(5);
}
for (pos = 180; pos >= 0; pos -= 2) {
myservo.write(pos);
delay(5);
}
delay(2000);
}
if(s1>500)
{
digitalWrite(13, HIGH);
}
if(s1<500)
{
digitalWrite(13, LOW);
}
}
```