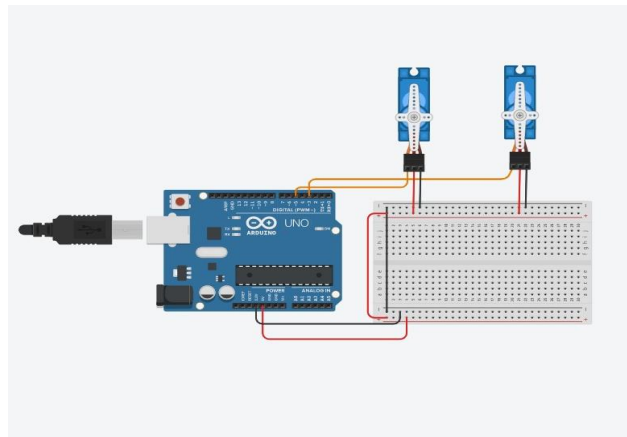


Robot arm task

1- circle design.

2-write a code .

For circle design you should used Arduino , 2 servo motor and breadboard. Connecting Like this >>



And this the code >>

```
1
2 #include <Servo.h>
3 //variables
4 double angle1;
5 double angle2;
6 Servo servo_3;
7 Servo servo_5;
8
9 void setup(){
10   //pin for 3
11   pinMode(A0+0,INPUT);
12   servo_3.attach(3);
13   // pin for 5
14   pinMode(A0+1,INPUT);
15   servo_5.attach(5);
16 }
17
18 void loop(){
19   angle1 = analogRead(A0+0);
20   angle1 = ((angle1) * (180)) / (1020);
21   angle1 = (180) - (angle1);
22
23   servo_3.write(angle1);
24
25   angle2 = analogRead(A0+1);
26   angle2 = ((angle2) * (180)) / (1020);
27   angle2 = (180) - (angle2);
28
29   servo_5.write(angle2);
30 }
```