

```

#include <Servo.h>

Servo myservo1;
Servo myservo2;
Servo myservo3;

int pos = 90;
int pos1 = 120;
int pos2 = 30;

void setup() {
  myservo1.attach(3);
  myservo2.attach(10);
  myservo3.attach(5);

}

void loop() {

  myservo3.write(120);
  delay(20);
  for (pos = 90; pos <= 210; pos += 1) {
    myservo1.write(pos);
    delay(20);

    if(pos = 180){
      for (pos1 = 120; pos1 <= 180; pos1 += 1){
        myservo2.write(pos1);
        delay(20);
      }
      for (pos1 = 180; pos1 >= 120; pos1 -= 1){
        myservo2.write(pos1);
        delay(20);
      }
    }
  }
}

```