#include <Servo.h>

Servo servo1;

int pos = 0;

void setup(){

servo1.attach(11);

}

void loop() {

for (pos = 0; pos <= 180; pos += 90) {

servo1.write(pos);

delay(200);

}

for (pos = 180; pos >= 0; pos -= 90) {

servo1.write(pos);

delay(200);

}

}