// C++ code

//

#include <Servo.h>

int position = 0;

int i = 0;

int j = 0;

Servo servo\_9;

void setup()

{

servo\_9.attach(9, 500, 2500);

}

void loop()

{

position = 0;

for (position = 1; position <= 179; position += 1) {

servo\_9.write(position);

delay(20); // Wait for 20 millisecond(s)

}

for (position = 179; position >= 1; position -= 1) {

servo\_9.write(position);

}

}