#include <Servo.h>

Servo myservo1;

Servo myservo2;

int pos=0;

void setup()

{

Serial.begin(9600);

myservo1.attach(9);

myservo2.attach(7);

}

int state=0;

int abc=0;

void loop()

{

for( state=0;state<=30;state+=2)

{

Serial.print(">");

Serial.println(state);

Serial.print("turning servo to ");

Serial.print(state);

Serial.println(" degrees");

myservo1.write(state);

delay(800);

if(state>=0||state=<10){

abc=0;

Serial.print(">");

Serial.println(abc);

Serial.print("turning servo to ");

Serial.print(abc);

Serial.println(" degrees");

myservo2.write(abc);}

if(state>10||state<=20){

abc=45;

Serial.print(">");

Serial.println(abc);

Serial.print("turning servo to ");

Serial.print(abc);

Serial.println(" degrees");

myservo2.write(abc);}

if(state>20||state<=30){

abc=90;

Serial.print(">");

Serial.println(abc);

Serial.print("turning servo to ");

Serial.print(abc);

Serial.println(" degrees");

myservo2.write(abc);}

delay(800);

}

/\*for( def=30;def>=0;def=def-2){

Serial.print(">");

Serial.println(def);

Serial.print("turning servo to ");

Serial.print(def);

Serial.println(" degrees");

myservo1.write(def);

delay(800);

}

/\*for( abc=0;abc<=90;abc=abc+45){

Serial.print(">");

Serial.println(abc);

Serial.print("turning servo to ");

Serial.print(abc);

Serial.println(" degrees");

myservo2.write(abc);

delay(1000);

}\*/

/\* for(int cba=90;cba>=0;cba=cba-45){

Serial.print(">");

Serial.println(cba);

Serial.print("turning servo to ");

Serial.print(cba);

Serial.println(" degrees");

myservo2.write(cba);

delay(1000);

}

\*/

}