

Servomotor dve tlačidlá – verzia 2

```
int button = 2; //pin of the first button
int button1 = 3; //pin of the second button
#include<Servo.h> //include the servo library
Servo servo; //create a servo object
int pos = 0; //initial position of the servo
void setup() {
  // put your setup code here, to run once:
  servo.attach(9); //pin used by the servo
  pinMode(button, INPUT_PULLUP); //define first button as input pullup
  pinMode(button1, INPUT_PULLUP); //define second button as input pullup
  /*
  INPUT_PULLUP send to arduino LOW signal, so, when you press the button, you send a LOW
  signal to arduino
  */
}

void loop() {
  // put your main code here, to run repeatedly:
  if (digitalRead(button) == LOW) { //if Value read of the button ==LOW:
    pos++; //increases the value of the "pos" variable each time the push button of the left is pressed
    delay(5); //5 milliseconds of delay
    servo.write(pos); //servo goes to variable pos
  }
  if (digitalRead(button1) == LOW) { //if Value read of the button ==LOW:
    pos--; //decreases the value of the "pos" variable each time the push button of the right is pressed
    delay(5); //5 milliseconds of delay
    servo.write(pos); //servo goes to variable pos
  }
}
```

