// 1. válec

#include <FastLED.h>

#define NUM\_LEDS 60

CRGB leds[NUM\_LEDS];

#define PIN 6

void setup()

{

FastLED.addLeds<WS2811, PIN, GRB>(leds, NUM\_LEDS).setCorrection( TypicalLEDStrip );

FastLED.show ();

}

void loop() {

{

// nasávanie

for(int i = 19; i >=0; i--)

{ leds[i] = CRGB::Blue;

FastLED.delay(350);

Serial.println (i);

}

}

{

for(int i = 19; i >=0; i--)

{ leds[i] = CRGB::Green;

}

}

{

// kompresia

for(int i = 0; i <20; i++)

{ leds[i] = CRGB::Green;

FastLED.delay(350);

leds[i] = CRGB::Black;

}

}

{

// expanzia

for(int i = 19; i >=0; i--)

{ leds[i] = CRGB::Red;

FastLED.delay(350);

Serial.println (i);

}

}

{

for(int i = 19; i >=0; i--)

{ leds[i] = CRGB::Yellow;

}

}

{

// výfuk

for(int i = 0; i <20; i++)

{ leds[i] = CRGB::Yellow;

FastLED.delay(350);

leds[i] = CRGB::Black;

}

}

}