// 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;

 }

}

}