

Pulzujúca led

```
int ledPin = 10;
int brightness = 0;
int stepValue = 5;
int direction = 1;
void setup() {
  pinMode(ledPin, OUTPUT);
}
void loop() {
  analogWrite(ledPin, brightness);
  if(brightness == 255){
    direction = 2;
  }
  if(brightness == 0) {
    direction = 1;
  }
  switch(direction){
    case 1: // zvyšovanie jasů
      brightness = brightness + stepValue;
      break;
    case 2: // znižovanie jasů
      brightness = brightness - stepValue;
      break;
  }
  delay(40);
}
```