

## Dve LED a dve tlačidlá

```
const int BUTTON1 = 2;
const int BUTTON2 = 4;
const int LED1 = 8;
const int LED2 = 12;
int BUTTONstate1 = 0;
int BUTTONstate2 = 0;

void setup()
{
  pinMode(BUTTON1, INPUT);
  pinMode(BUTTON2, INPUT);
  pinMode(LED1, OUTPUT);
  pinMode(LED2, OUTPUT);
}

void loop()
{
  BUTTONstate1 = digitalRead(BUTTON1);
  if (BUTTONstate1 == HIGH)
  {
    digitalWrite(LED1, HIGH);
  }
  else{
    digitalWrite(LED1, LOW);
  }
  BUTTONstate2 = digitalRead(BUTTON2);
  if (BUTTONstate2 == HIGH)
  {
    digitalWrite(LED2, LOW);
  }
  else{
    digitalWrite(LED2, HIGH);
  }
}
```

