

## Výukový multishield – tlačidla 3

```
const byte LED[] = {13,12,11,10};
#define BUTTON1 A1
#define BUTTON2 A2
#define BUTTON3 A3
void setup(){
  pinMode(LED[0], OUTPUT);
  pinMode(LED[1], OUTPUT);
  pinMode(LED[2], OUTPUT);
  pinMode(LED[3], OUTPUT);
}
void loop(){
  if(!digitalRead(BUTTON1)){
    digitalWrite(LED[0], LOW);
    digitalWrite(LED[1], LOW);
    digitalWrite(LED[2], LOW);
    digitalWrite(LED[3], LOW);
  }
  if(!digitalRead(BUTTON2)){
    digitalWrite(LED[0], HIGH);
    digitalWrite(LED[1], HIGH);
    digitalWrite(LED[2], HIGH);
    digitalWrite(LED[3], HIGH);
  }
  if(!digitalRead(BUTTON3)){
    digitalWrite(LED[0], LOW);
    digitalWrite(LED[1], HIGH);
    digitalWrite(LED[2], LOW);
    digitalWrite(LED[3], HIGH);
  }
}
```