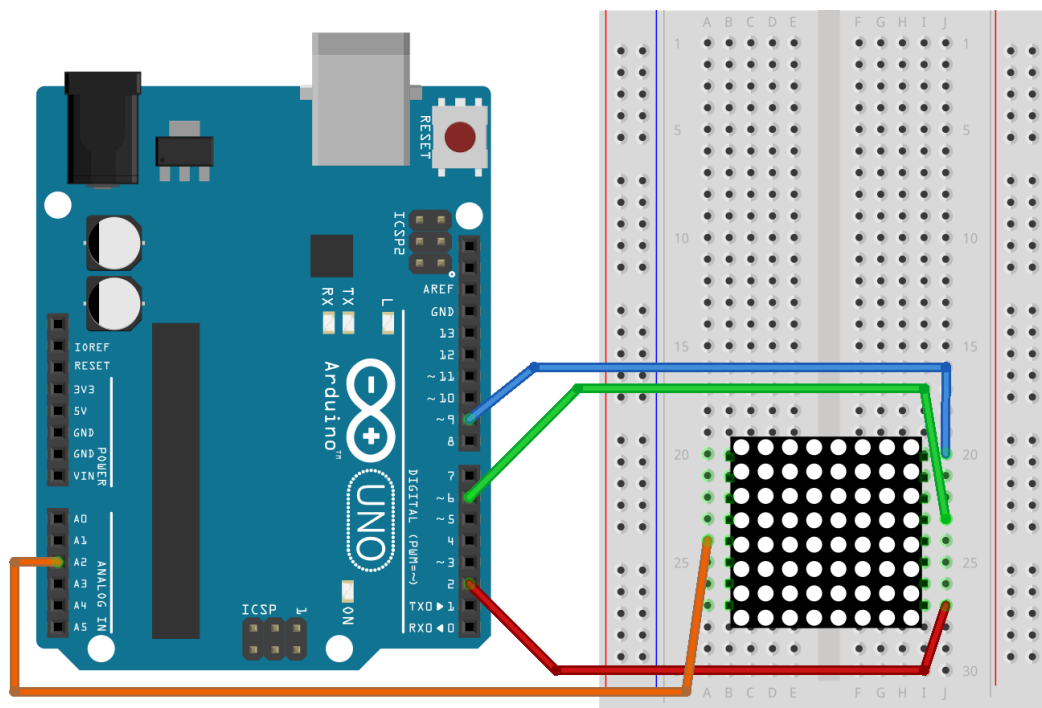


# ŘEŠENÍ ÚLOH

## Úkol A)



```
1  int pinA=2;
2  int pinB=6;
3
4  int pinC=9;
5  int pinD=A2;
6
7  void setup() {
8      pinMode(pinA,OUTPUT);
9      pinMode(pinB,OUTPUT);
10     digitalWrite(pinA,HIGH);
11     digitalWrite(pinB,HIGH);
12
13     pinMode(pinC,OUTPUT);
14     pinMode(pinD,OUTPUT);
15     digitalWrite(pinC,HIGH);
16     digitalWrite(pinD,HIGH);
17
18 }
19
20 void loop() {
21     digitalWrite(pinB,LOW);
22     digitalWrite(pinD,HIGH);
23     delay(200);
24
25     digitalWrite(pinB,LOW);
26     digitalWrite(pinD,HIGH);
27     delay(200);
28 }
```

## Úkol B)

```
1  int pinA=2;
2  int pinB=6;
3
4  int pinC=9;
5  int pinD=A2;
6
7  void setup() {
8      pinMode(pinA,OUTPUT);
9      pinMode(pinB,OUTPUT);
10     digitalWrite(pinA,HIGH);
11     digitalWrite(pinB,HIGH);
12
13     pinMode(pinC,OUTPUT);
14     pinMode(pinD,OUTPUT);
15     digitalWrite(pinC,HIGH);
16     digitalWrite(pinD,HIGH);
17
18 }
19
20 void loop() {
21     digitalWrite(pinB,HIGH); // změna na HIGH
22     digitalWrite(pinD,LOW);  // změna na LOW
23     delay(200);
24
25     digitalWrite(pinB,LOW);
26     digitalWrite(pinD,HIGH);
27     delay(200);
28 }
```