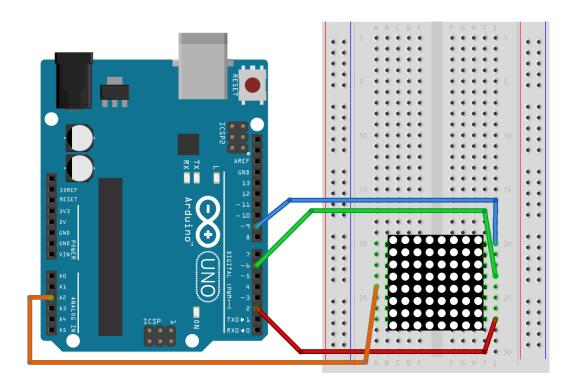
## ŘEŠENÍ ÚLOH

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
       pinMode(pinC,OUTPUT);
13
       pinMode(pinD,OUTPUT);
14
15
       digitalWrite(pinC,HIGH);
       digitalWrite(pinD,HIGH);
16
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);
       delay(200);
27
     }
28
```

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