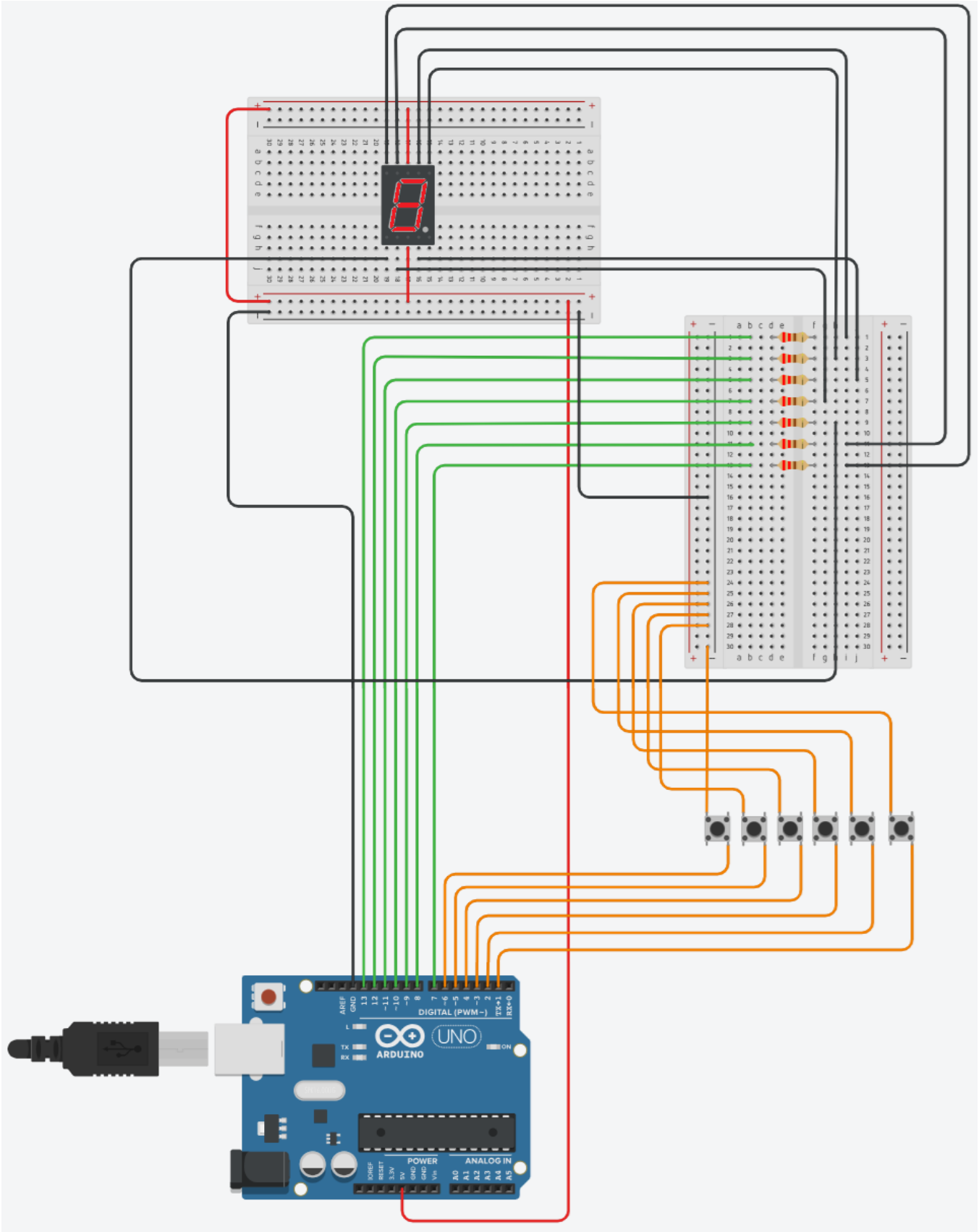
Program pre Arduino - Prevodník (6 tlačidiel/6 písmen na 7-segmentovke) :)




```
// C++ code
//
void setup ()
{
 pinMode(13, OUTPUT);pinMode(12, OUTPUT);pinMode(11, OUTPUT);
```

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```
 pinMode(10, OUTPUT);pinMode(9, OUTPUT); pinMode(8, OUTPUT);
 pinMode(7, OUTPUT);
 digitalWrite (13, HIGH);//Zhasne A//
 digitalWrite (12, HIGH);//Zhasne B//
 digitalWrite (11, HIGH);//Zhasne C//
 digitalWrite (10, HIGH);//Zhasne D//
 digitalWrite (9, HIGH);//Zhasne E//
 digitalWrite (8, HIGH);//Zhasne F//
 digitalWrite (7, HIGH);//Zhasne G//
 pinMode(6, INPUT_PULLUP);
 pinMode(5, INPUT_PULLUP);
 pinMode(4, INPUT_PULLUP);
 pinMode(3, INPUT_PULLUP);
 pinMode(2, INPUT_PULLUP);
 pinMode(1, INPUT_PULLUP);
}
void loop ()
{
 if (digitalRead (6) == 0) {//A//
 digitalWrite (13, LOW);
 digitalWrite (12, LOW);
 digitalWrite (11, LOW);
 digitalWrite (9, LOW);
 digitalWrite (8, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (13, HIGH);
 digitalWrite (12, HIGH);
 digitalWrite (11, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (8, HIGH);
 digitalWrite (7, HIGH);
 };

 if (digitalRead (5) == 0) {//b//
 digitalWrite (11, LOW);
 digitalWrite (10, LOW);
 digitalWrite (9, LOW);
 digitalWrite (8, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (11, HIGH);
 digitalWrite (10, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (8, HIGH);
 digitalWrite (7, HIGH);
 };

 if (digitalRead (4) == 0) {//c//
 digitalWrite (10, LOW);
 digitalWrite (9, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (10, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (7, HIGH);
 };
```

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```
 if (digitalRead (3) == 0) {//d//
 digitalWrite (12, LOW);
 digitalWrite (11, LOW);
 digitalWrite (10, LOW);
 digitalWrite (9, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (12, HIGH);
 digitalWrite (11, HIGH);
 digitalWrite (10, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (7, HIGH);
 };

 if (digitalRead (2) == 0) {//E//
 digitalWrite (13, LOW);
 digitalWrite (10, LOW);
 digitalWrite (9, LOW);
 digitalWrite (8, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (13, HIGH);
 digitalWrite (10, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (8, HIGH);
 digitalWrite (7, HIGH);
 };

 if (digitalRead (1) == 0) {//F//
 digitalWrite (13, LOW);
 digitalWrite (9, LOW);
 digitalWrite (8, LOW);
 digitalWrite (7, LOW);
 delay(1000);
 digitalWrite (13, HIGH);
 digitalWrite (9, HIGH);
 digitalWrite (8, HIGH);
 digitalWrite (7, HIGH);
 };

}
```



Odoberanie zápaliek, Hádzanie kockou, Semafór na železničnom priecestí a ďalšie Programy a zapojenia (ako súčasť mikrokurzu)



Arduino

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