

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

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

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);
};
}
```