# **1 HELLO WORLD IN ARDUBLOCKLY**

### 1.1 Task: MAKE 1ST ARDUBLOCKLY PROGRAM

- 1. Make a very simple program like setting the digital output bit D3 to logical state 1 or **HIGH**.
- 2. Send the program to Arduino controller.

∃ Ardubloc	kly: Hello_World 🖌		🛨 Open 🛨 Save 🧻 Dele
Q		C	<pre>{} Arduino Source Code</pre>
Logic	Arduino run first:		<pre>void setup() { sinVede(2, OUTPUT);</pre>
Loops		IGH 🔻	<pre>pinMode(3, OUTPUT);</pre>
Math	Arduino loop forever:		<pre>digitalWrite(3, HIGH);</pre>
Text	Arduno loop lorever.		}
Variables			<pre>void loop() {</pre>
Functions			}
Input/Output		-0-	
Time		(+)	
Audio		Ä	
Motors			

Figure 1: First program in Ardublockly.

### 1.2 Questions:

- 1. What is the voltage of the digital output pin D3?
- 2. Try to compare and understand the C++ programming code in aside window.

### 1.3 Summary

Programming with programming blocks is a good starting point for beginners since humans are not good in handling to many informations at the same time.

Having programming blocks aside with C code is nice and soft introduction of the code programming.

## 1.4 Issues

...to do...