

Coding microbit card with the simulator makecode.microbit.org

<https://makecode.microbit.org>

Realize these algorithms as follow :

1 - Switch on LED :

When A is pressed, display the letter H

When B is pressed, switch off the LEDs

2 - Display The temperature or the light level :

When A is pressed, display the temperature

When B is pressed, display the light level

3 - Count the number of steps and display them (podometer)

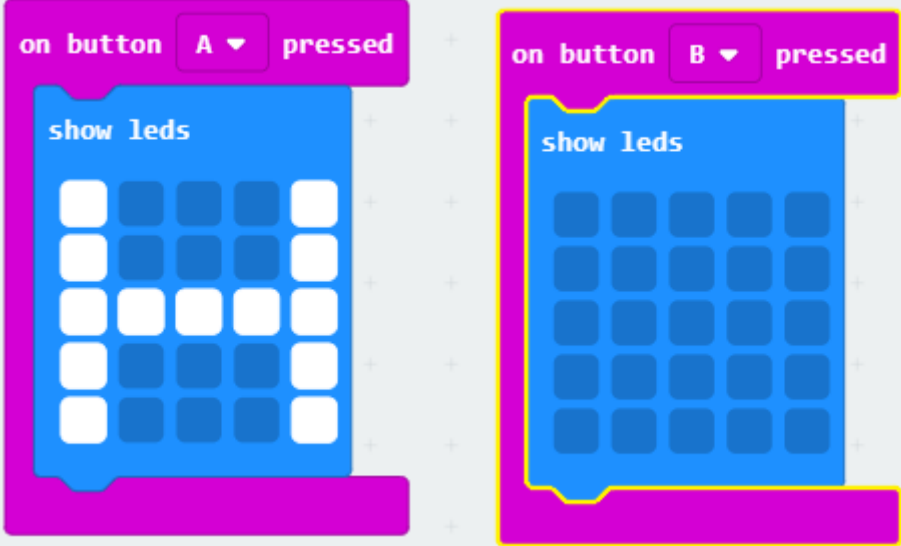
Think to create a variable « steps »

When A is pressed, display the number of steps

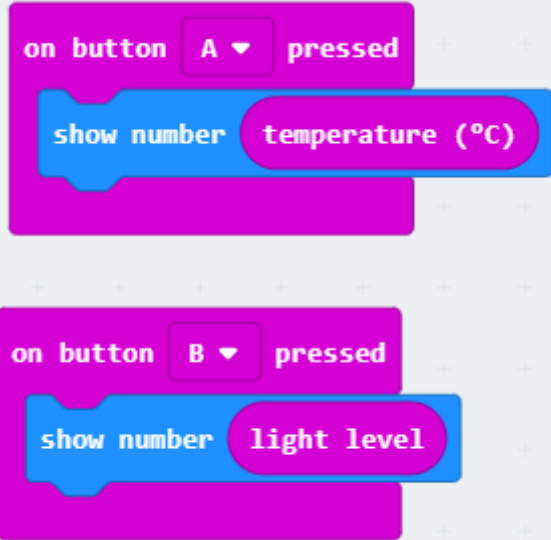
When B is pressed, reset the counter

Correction

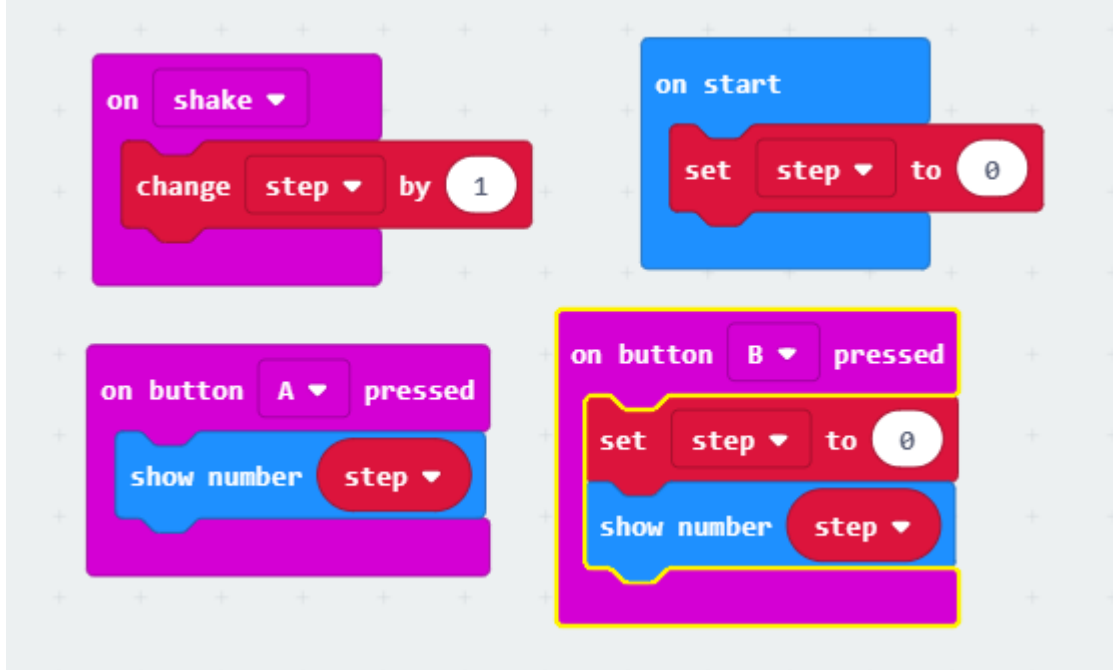
1) Switch on LED :

Algorithm	Program
<p>When A is pressed, display the letter H When B is pressed, switch off the LEDs</p>	

2) Display The temperature or the light level :

Algorithm	Program
<p>When A is pressed, display the temperature When B is pressed, display the light level</p>	

3) Count the number of steps and display them (podometer)

Algorithm	Program
<p>When A is pressed, display the number of steps When B is pressed, reset the counter</p>	<p style="text-align: center;"><i>Think to create a variable « steps »</i></p>  <p>The program consists of the following code blocks:</p> <ul style="list-style-type: none"> on start (blue block): set <code>step</code> to <code>0</code> on shake (purple block): change <code>step</code> by <code>1</code> on button A pressed (purple block): show number <code>step</code> on button B pressed (purple block): set <code>step</code> to <code>0</code> and show number <code>step</code>