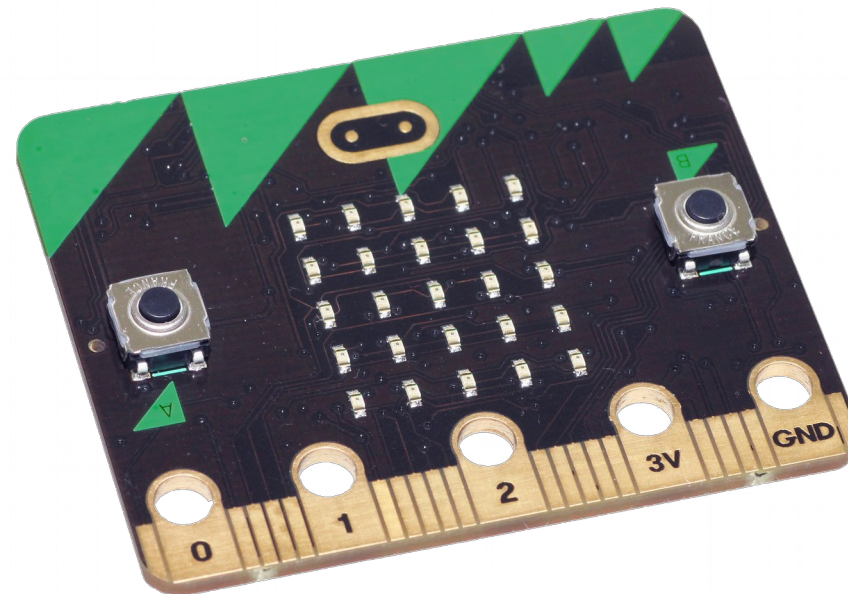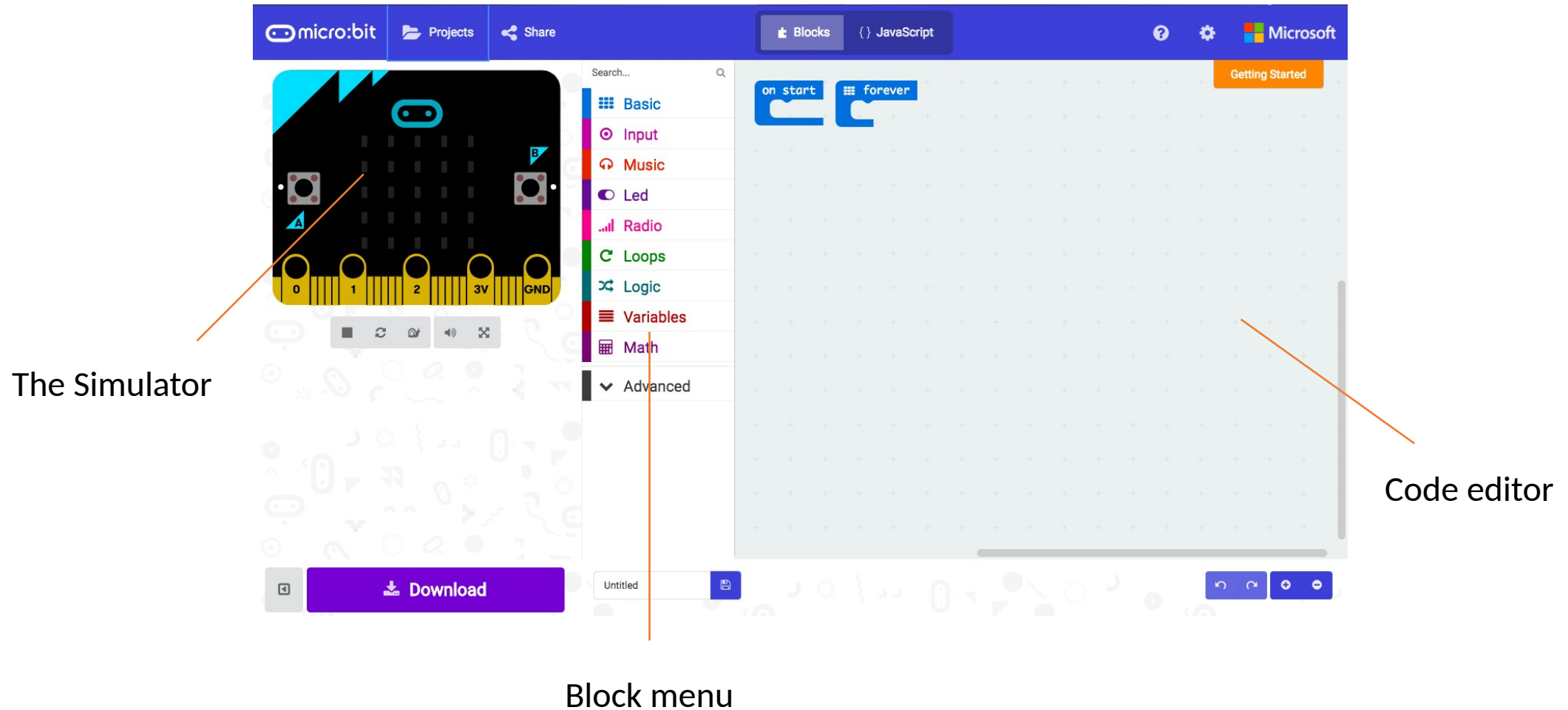# Introduction to the Micro:Bit

Introduction:

What is a Micro:Bit?

How do we control the Micro:bit?

What are we going to make ?

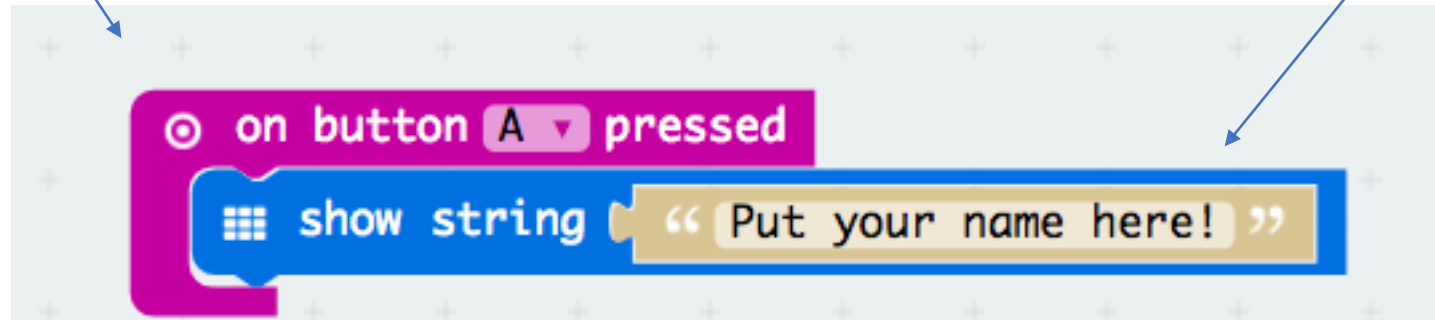What sensors does the Micro:Bit have?

makecode.microbit.org - using PXT

The Simulator

Block menu

Code editor

Showing Your Name

This is the Input

Here is the code we will use.

This is the Output

on button **A** ▾ pressed
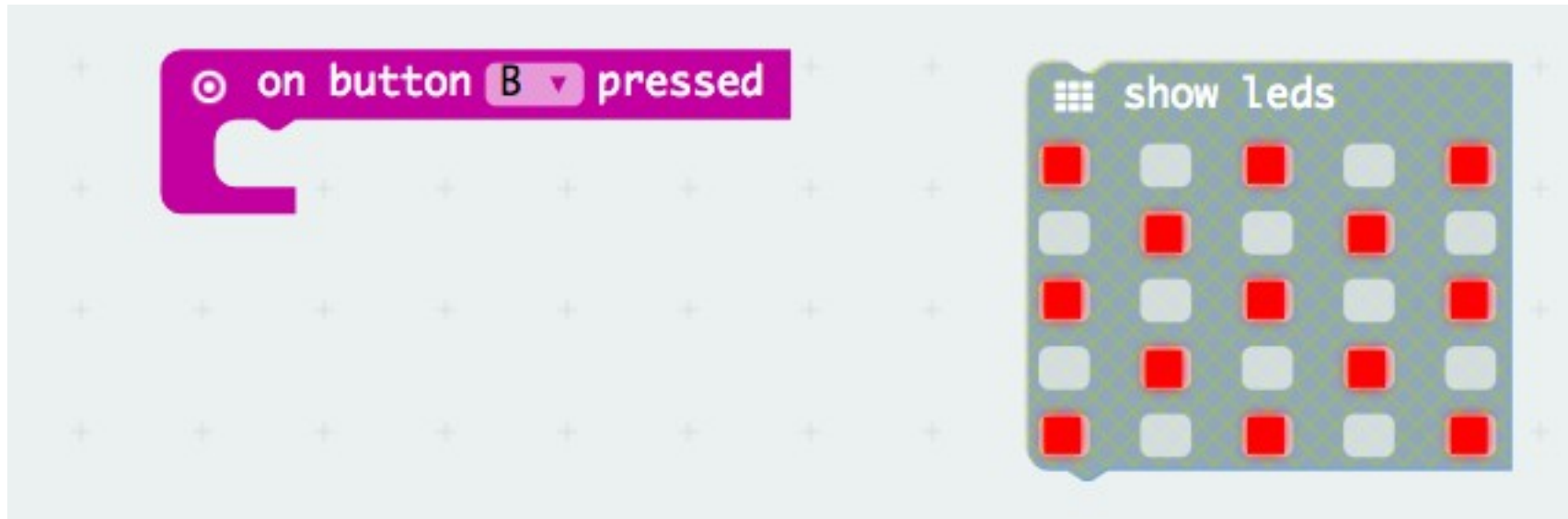
show string " Put your name here! "

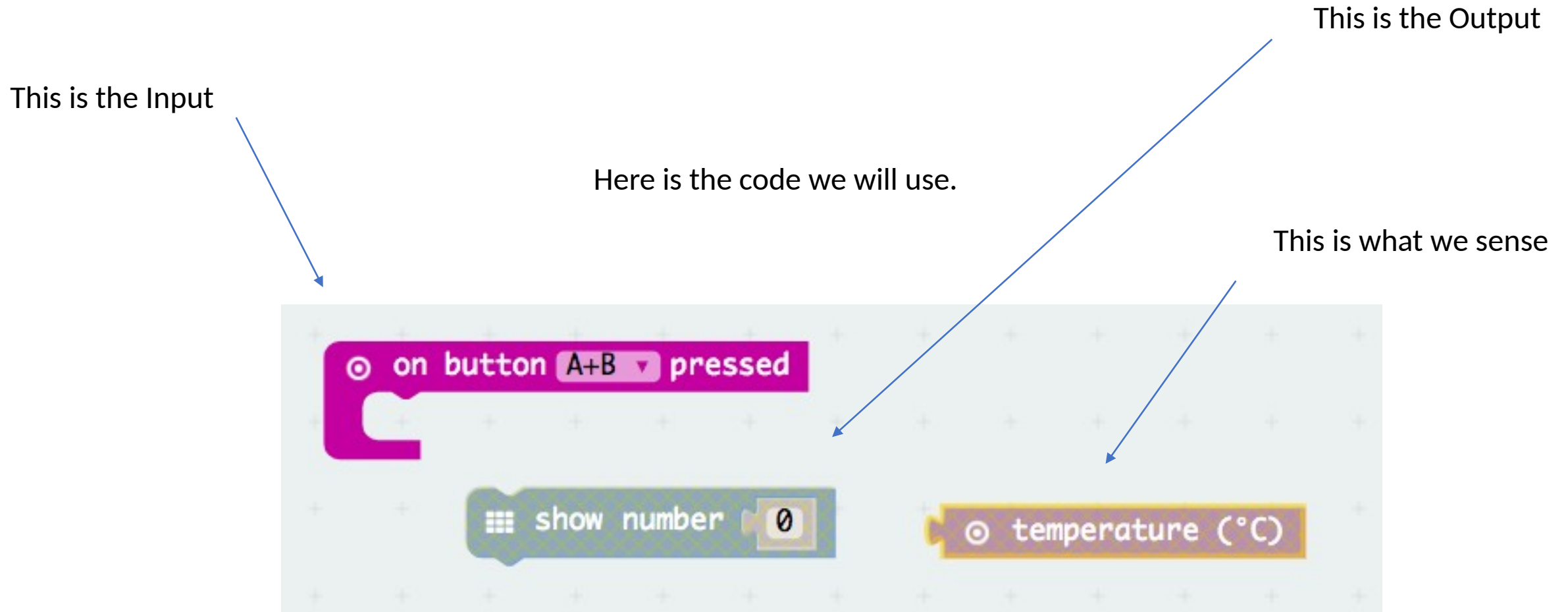Can you make it show your name when you shake it?

Showing an Image

This is the Output

This is the Input

Here is the code we will use.

Extension - Can you make an animation?

Showing the Temperature

This is the Output

This is the Input

Here is the code we will use.

This is what we sense

Extension - Can you show a hot symbol if it is over or equal to 22oC and a cold symbol if it is below 22oC