

How to create a Name Badge on your Micro:bit... but with a twist!

What if I told you, you could display a name badge but with music playing in the background, wouldn't that be cool? And what if I told you, it's easy to accomplish? Well, you are in luck because today I hope you can accomplish this with me.

Powering your device

There are 3 ways you can achieve this.

1. Placing batteries and then connecting it to your microbit.
2. plug it in to your laptop/computer using a USB cable.
3. Or plug it into your portable charger using a USB cable.



Whichever you choose to use works! After you have set it up to run you can follow a small tutorial of this microbit.. → [Microbit Start](#) ← Trust me, it's cute and fun! It will show you how it operates and the different things it can do.

Programming your Microbit

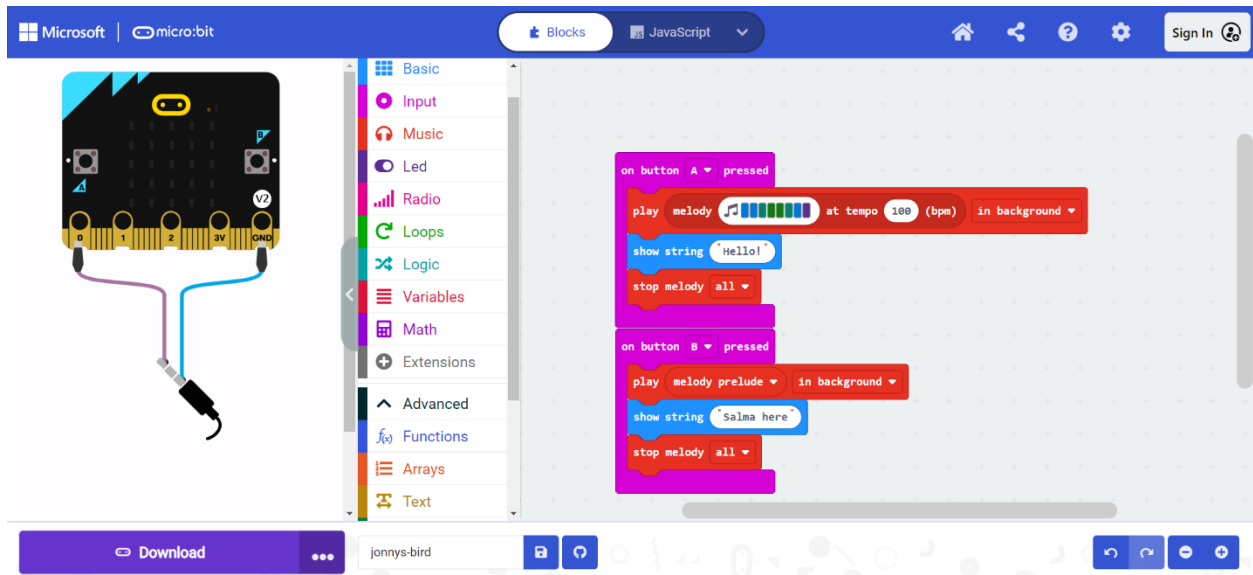
Maybe you remember this from grade school from something called scratch.

We will give it basic functions so your name can be displayed. It's up to you on how to set it up. The microbit has 2 buttons: A and B. In this case you can press a and B for different functions.

Follow these steps:

1. You will grab a block from the **input section** that says "on button _pressed" this will state the condition of what will be done when this button is pressed.
2. You will then place another block from the **Music section** (as shown in the image below) or use "play_in_". This will allow for music to be played in the background or after depending on how you want your music to be played. In this occasion we will set it to play melody in background.

This is what makes our name badge special and unique.



3. In this case since we will want the music to be played in the background, we will put a **basic input "Show string"** that will be whatever you want it to be. It can be your name or a word that will be displayed on your microbit.
4. The last step for this will be to stop the melody after the string is done displaying. So, you will drag a block that says, **"stop melody all"**.

Now continue looking at the picture above and follow along to see what else.

If not, you can keep the original tutorial of a name badge up to you. [Original Name Badge](#)

6. Now after you are done with your code, you will click on download, pair it to your microbit (via usb) and let it load and BAM.... Time to put your microbit to use!!

if any questions, please don't hesitate to ask... contact me at:
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