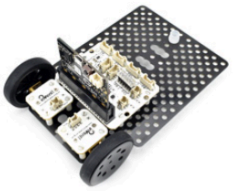
Just received your Invent! kit? Here's how to get started quickly:

1

Insert the **3x AAA batteries** into the battery holder, underneath the controller board.

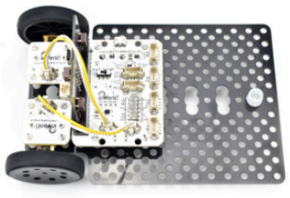
2

Push the **controller board**, and the **two motor blocks** into the baseboard like in the picture to make a simple 2 wheeled robot.



3

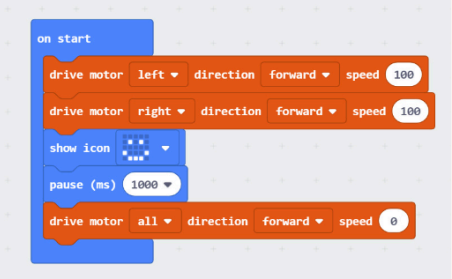
Use the two wire cables to connect the motors to **'M1 (left motor)'** and **'M2 (right motor)'** like in the picture. They can only go in one way around!



4

Now it's time to write a program! **Choose how you want to code:**

Blocks



- Great for younger Inventors
- Block based programming
- Web based - works on any computer with an internet connection

Launch Blocks

Python

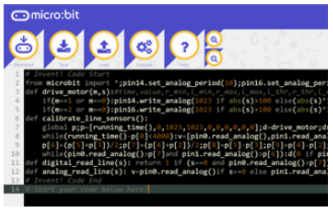
```
drive_motor(1,100)
drive_motor(2,100)
display.show(image.HAPPY)
sleep(1000)
drive_motor(0,0)
```

- For older Inventors
- Text based programming
- Web based - works on any computer with an internet connection

Launch Python

6

If you're using Python, copy the text from this file at the top of your program. **You must use this every time!**

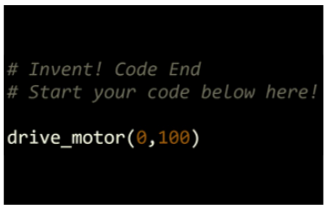


7

If you're using the **blocks editor**, build the program in the picture.

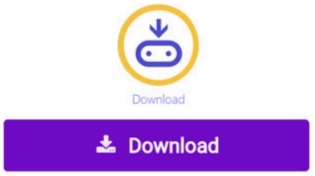
8

If you're using **Python**, write the program in the picture.



9

Press the **Download** button to save the program to your computer.



10

Plug your micro:bit into your computer using the **USB cable** provided - it will appear as a USB drive. **Copy** the file you downloaded onto it.

11

Remove the cable, and turn on the board using the **switch**. A green light should come on and the robot should **drive forwards!**