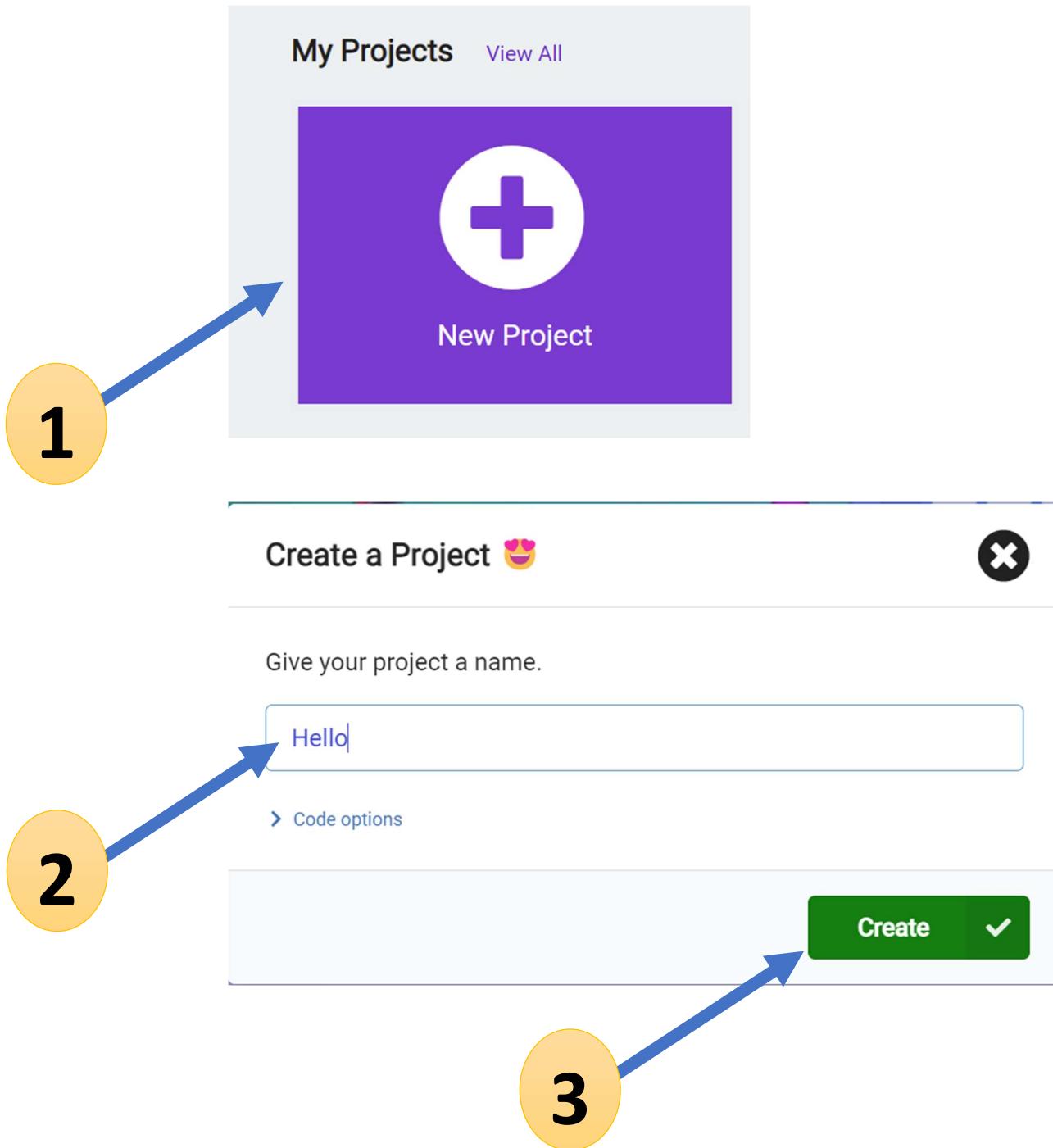
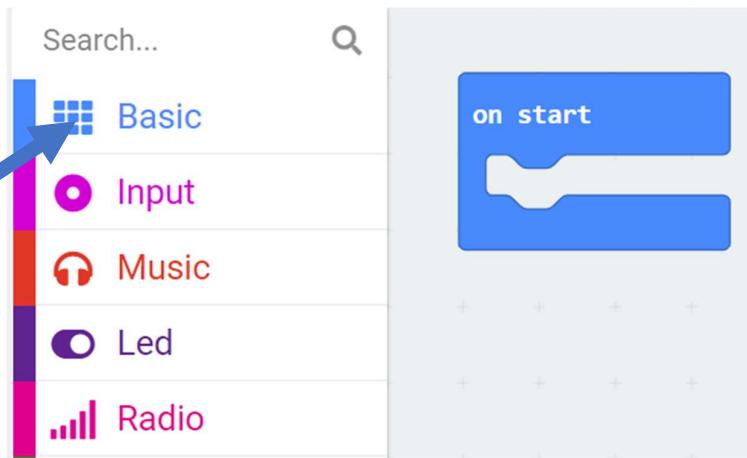


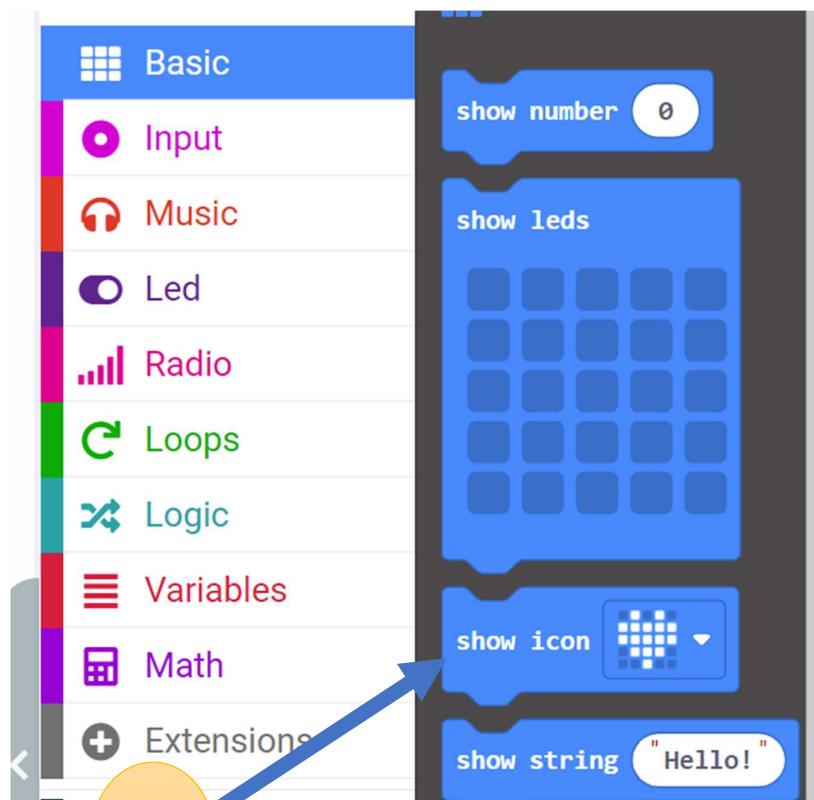
# 1. Your First Code



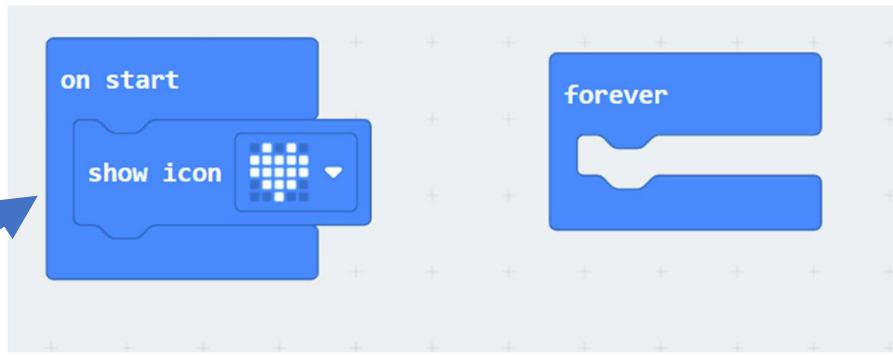
**4**



**5**

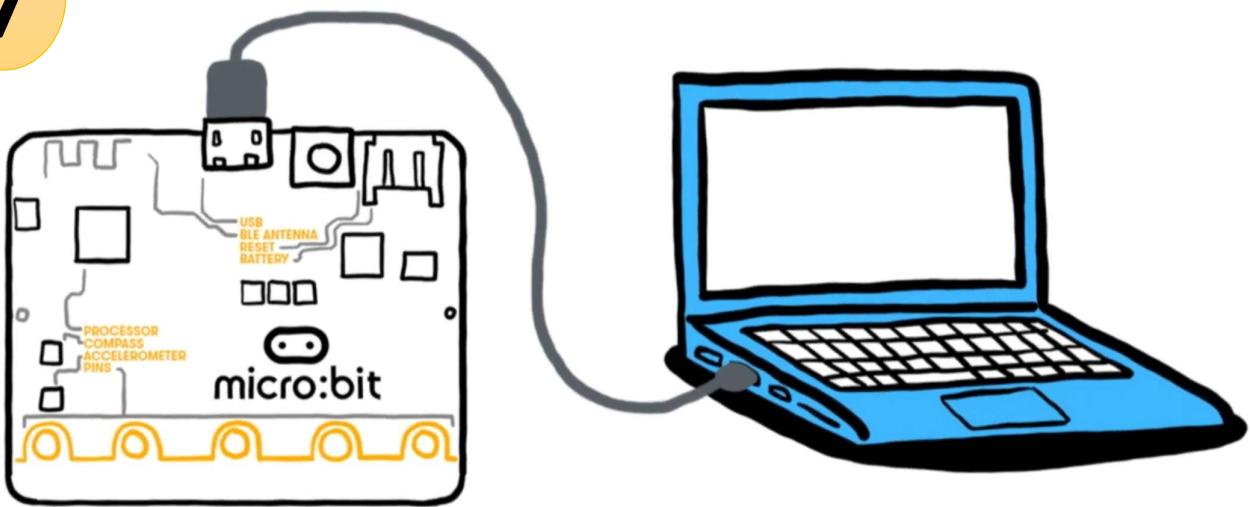


**6**

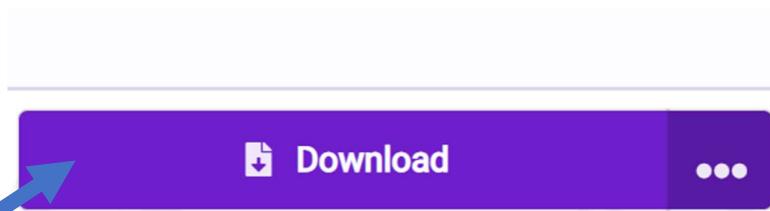


Place “Show Icon” block inside “On Start” block.

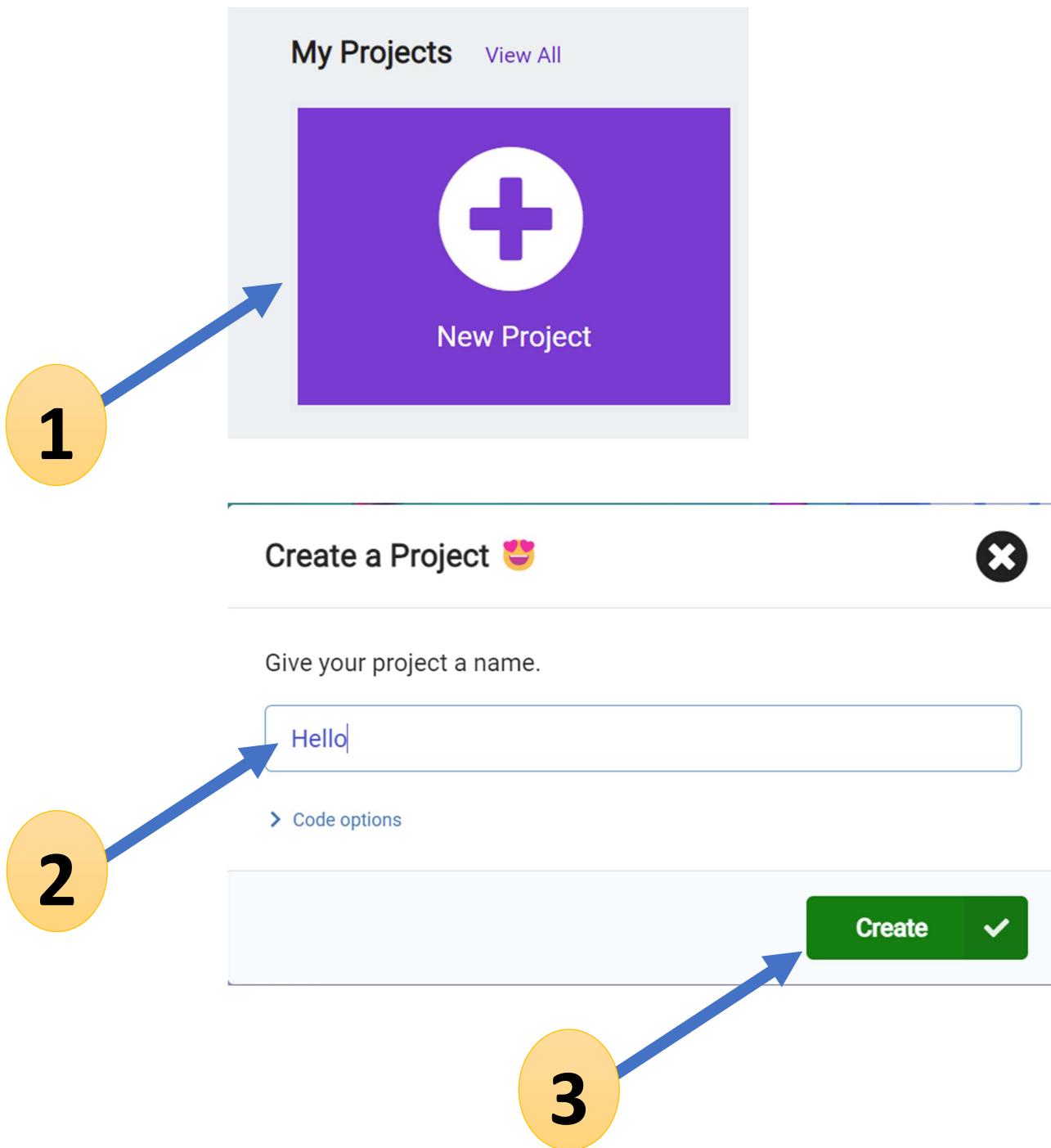
**7**



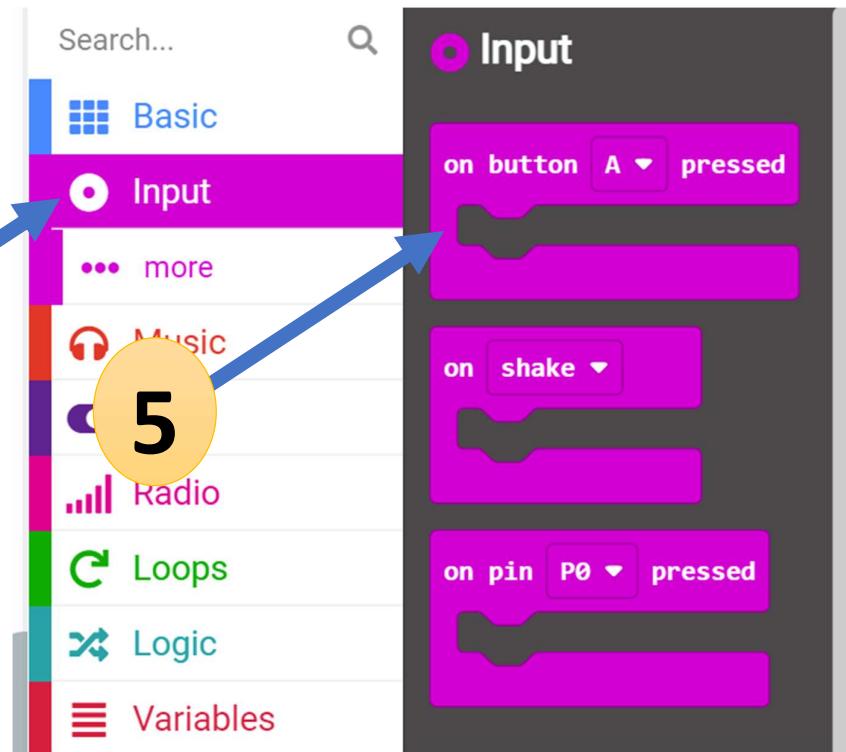
**8**



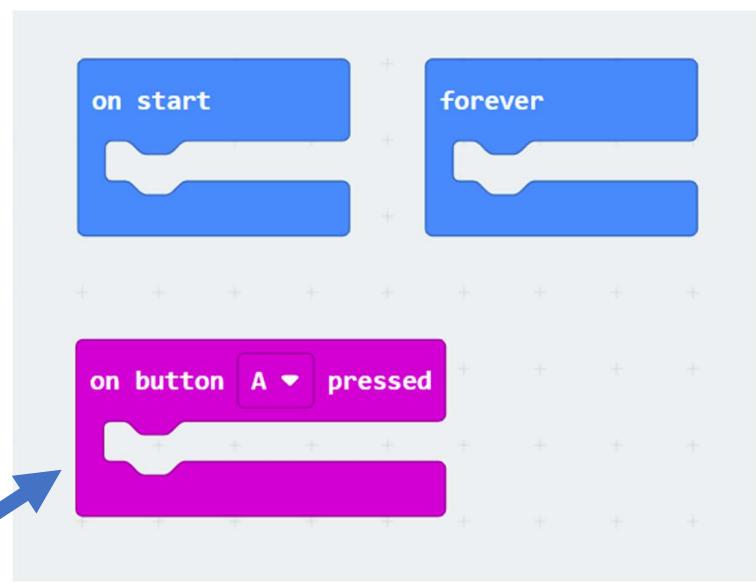
## 2. Buttons!



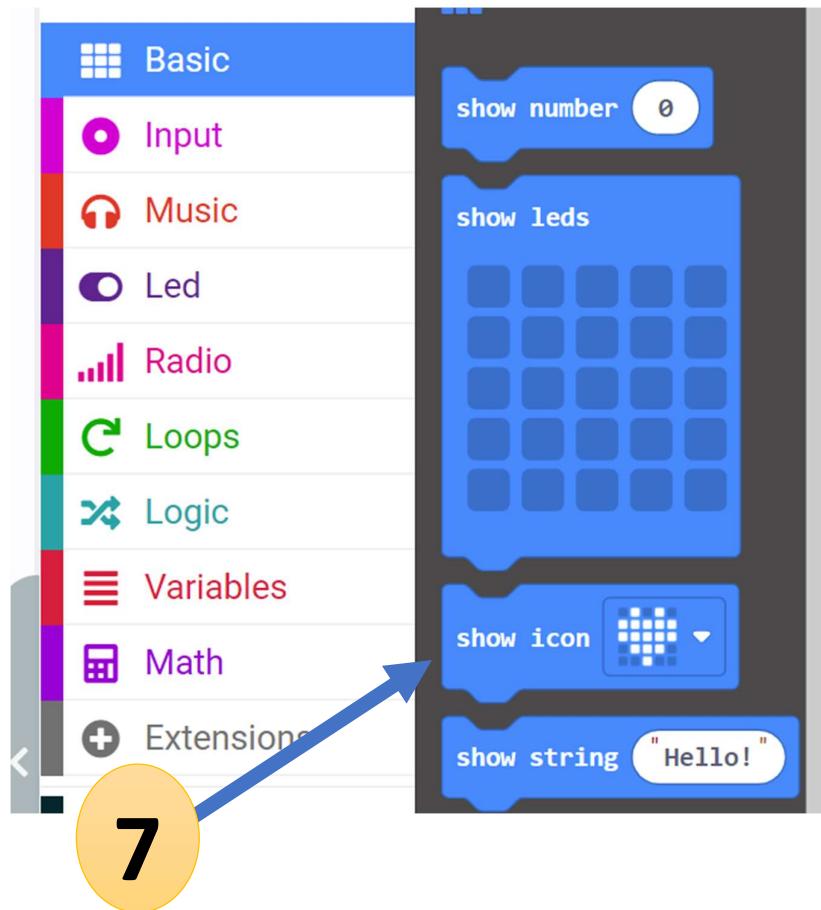
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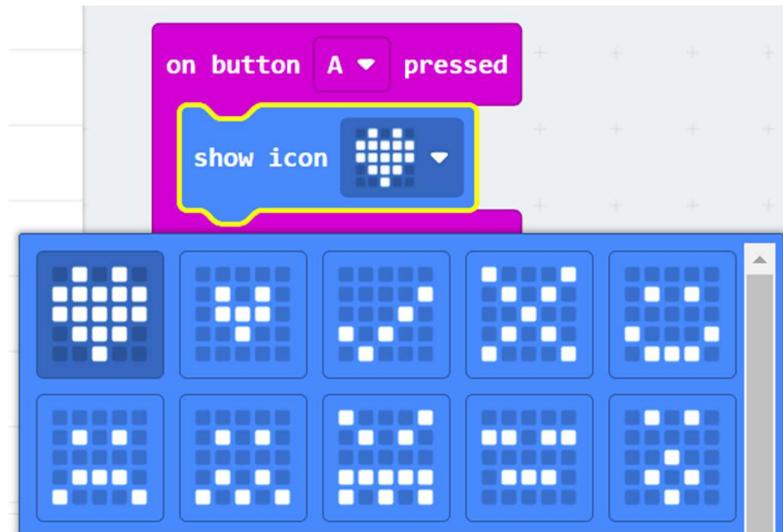
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6

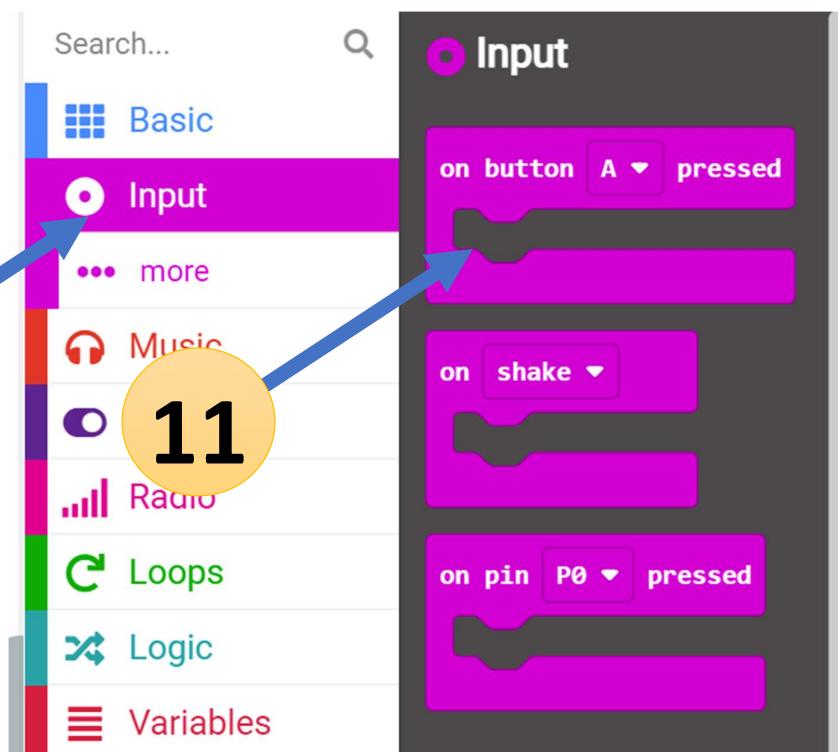


**9**

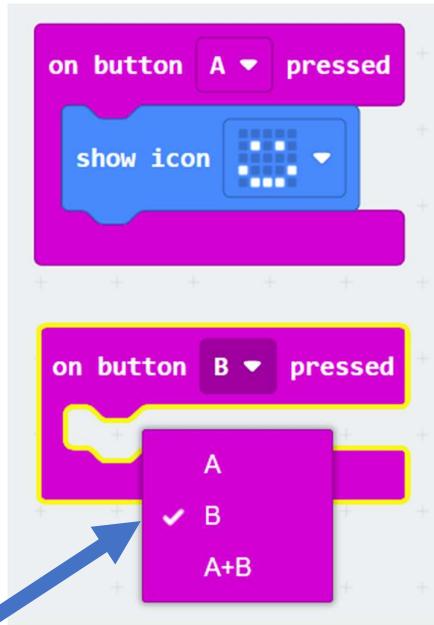


**10**

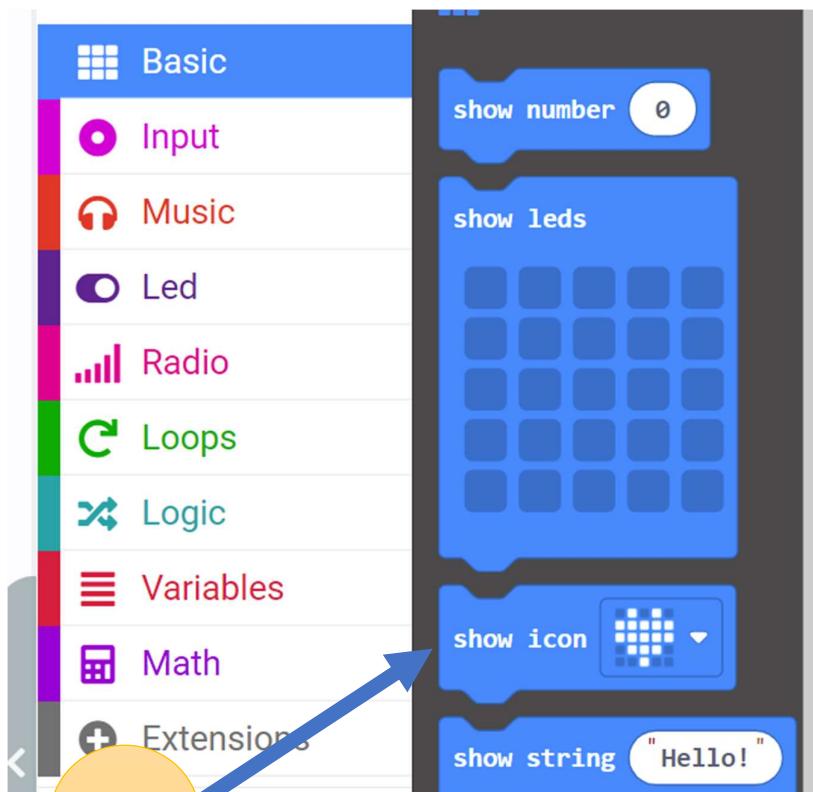
**11**



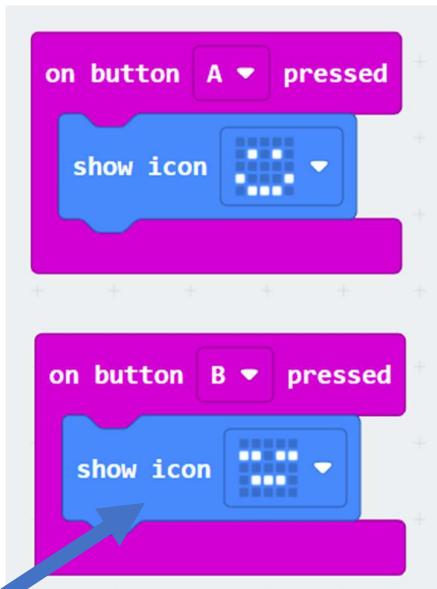
**12**



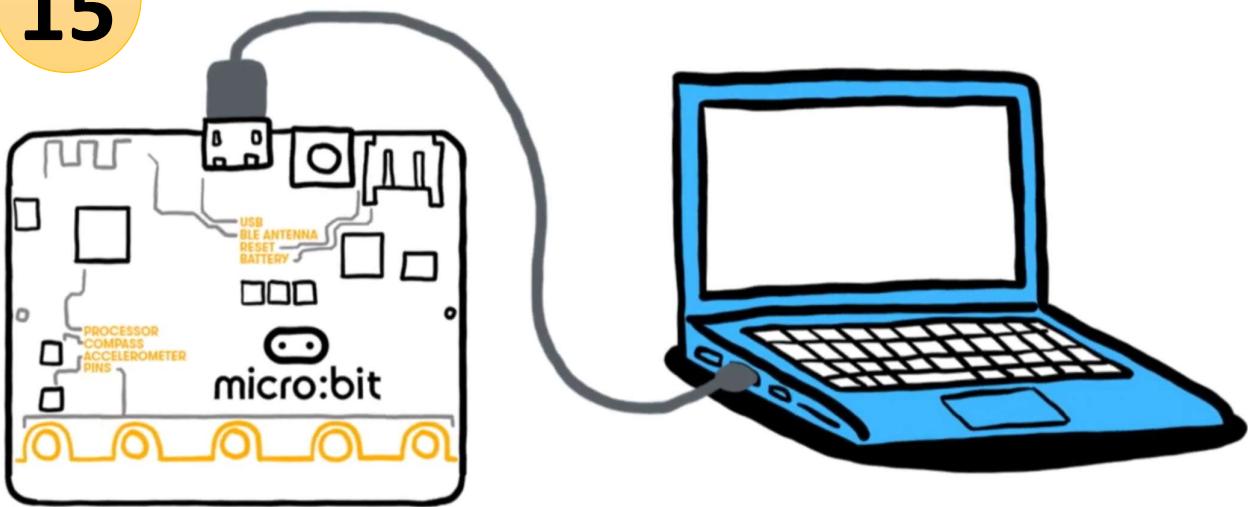
**13**



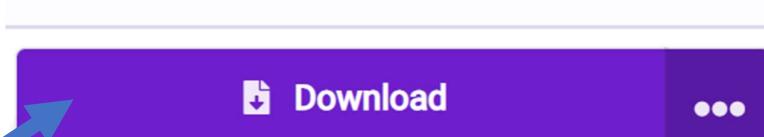
14



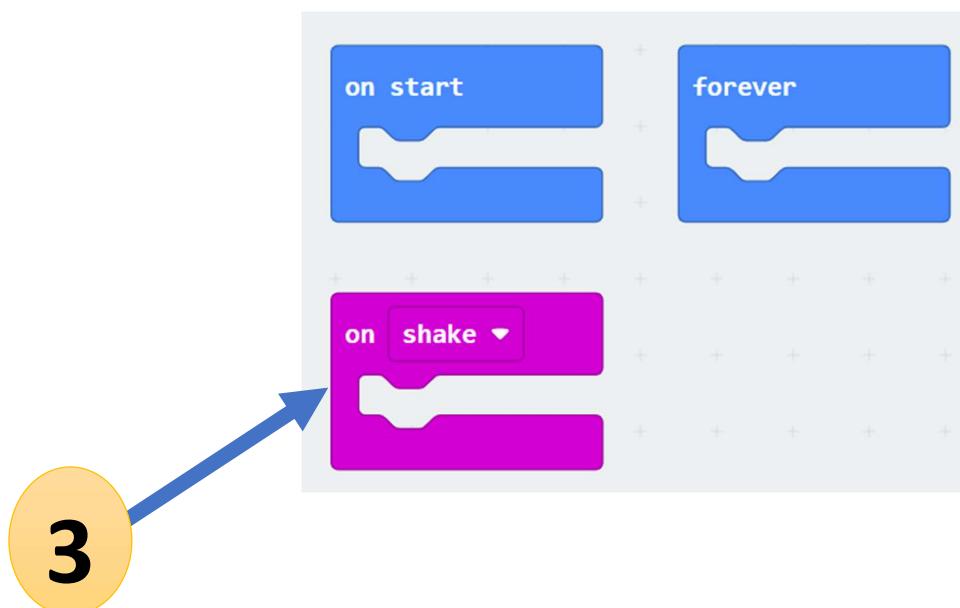
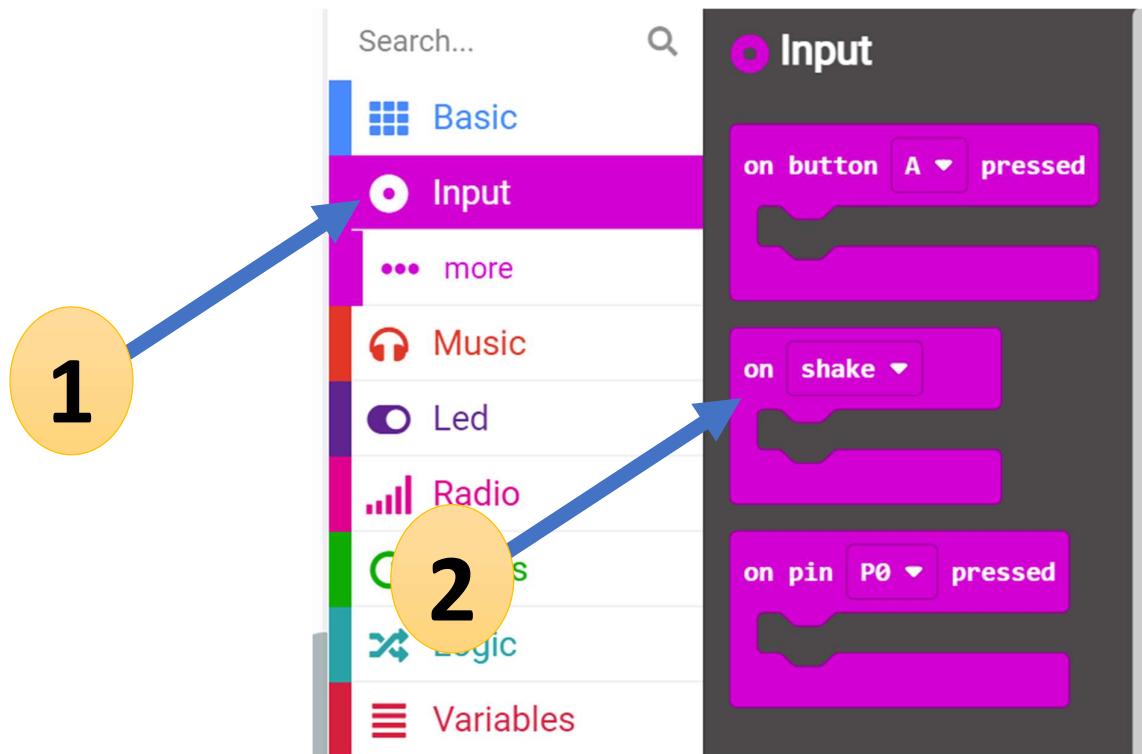
15

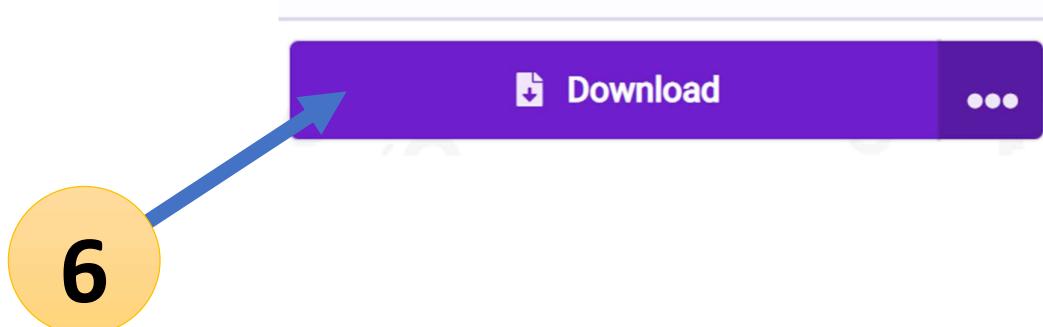
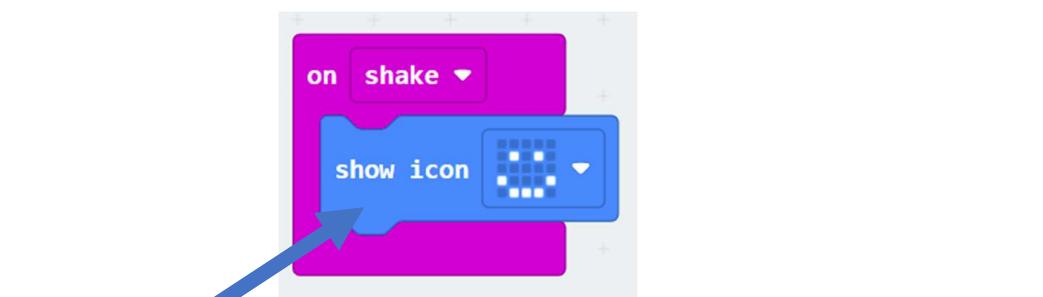
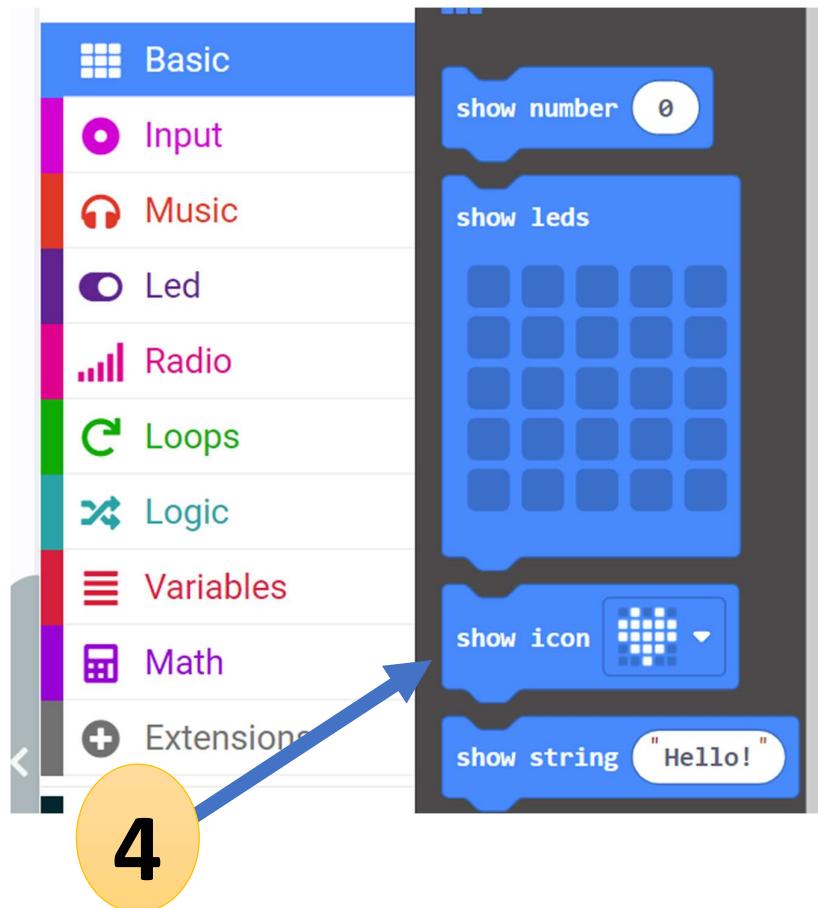


16



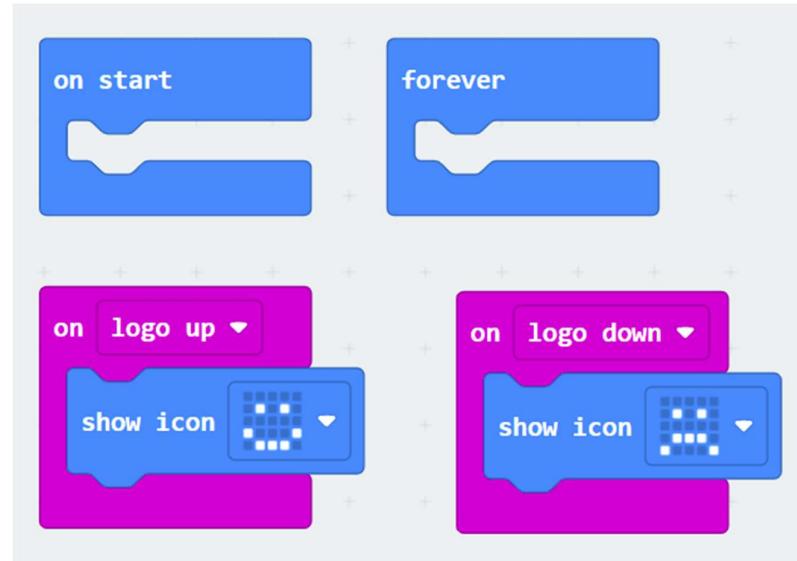
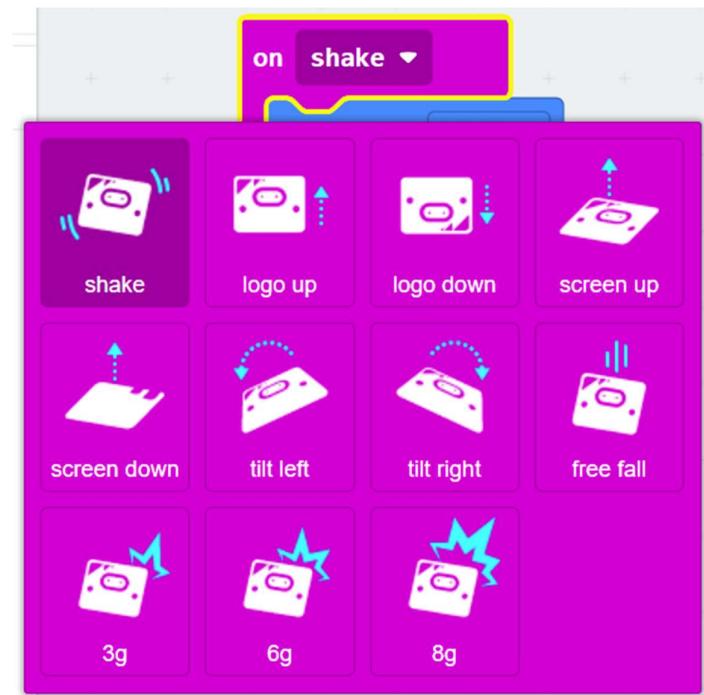
### 3. Motions!



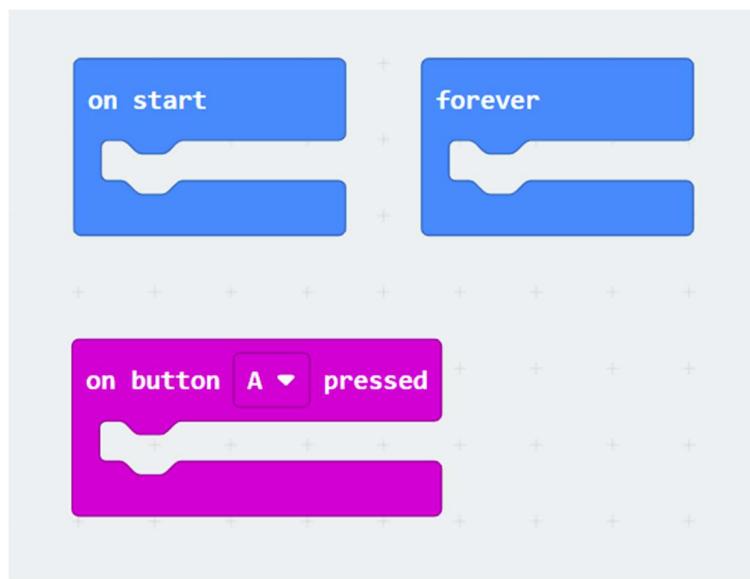
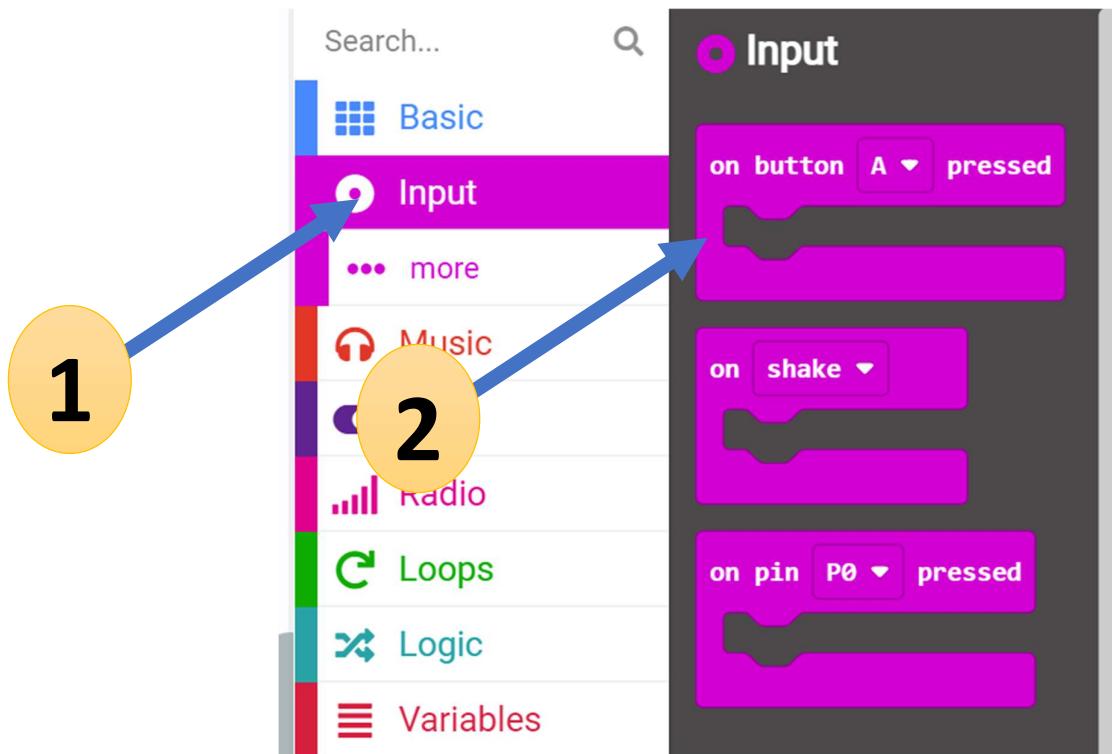


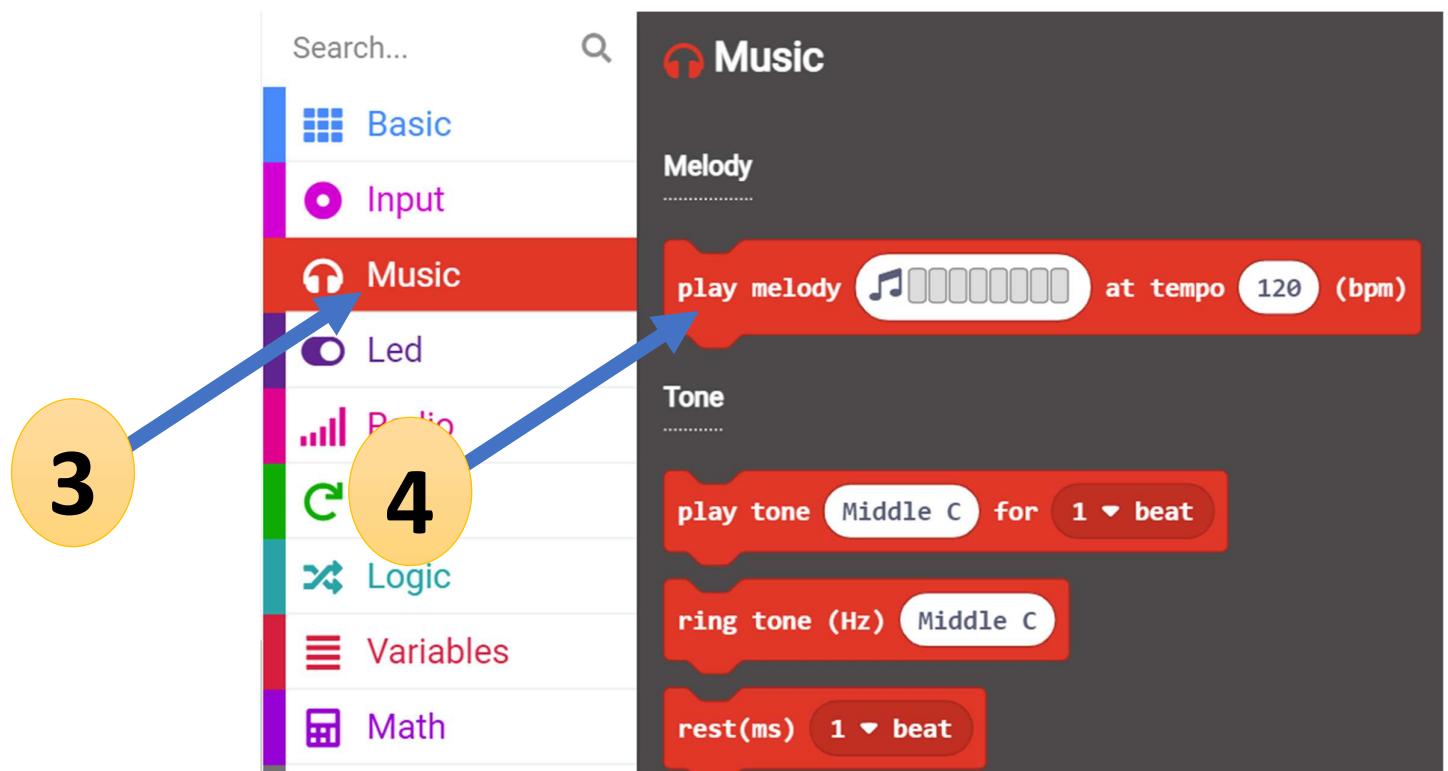
# Try different motions!

7

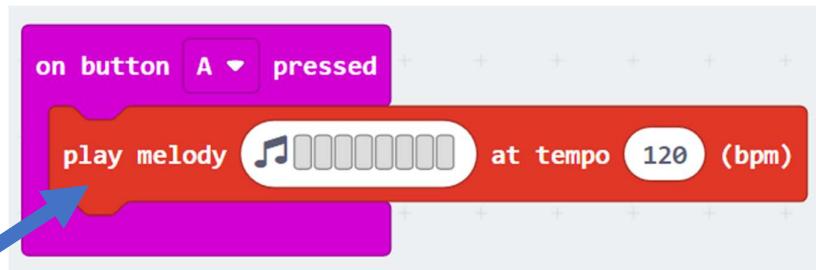


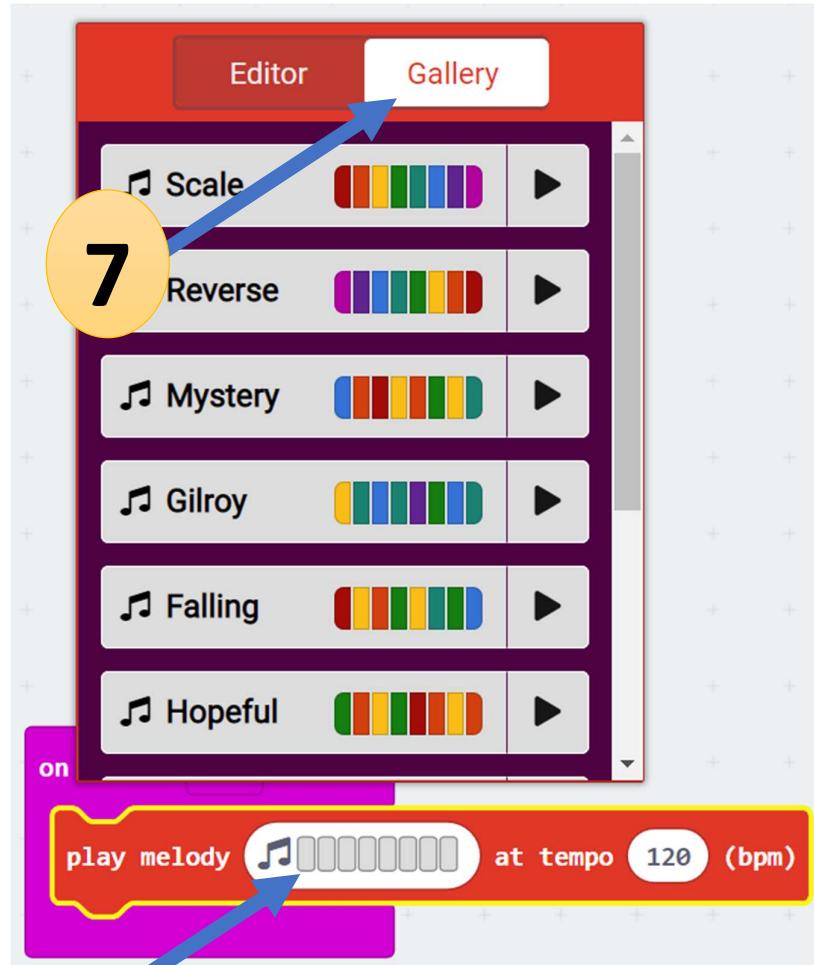
## 4 - Sound!





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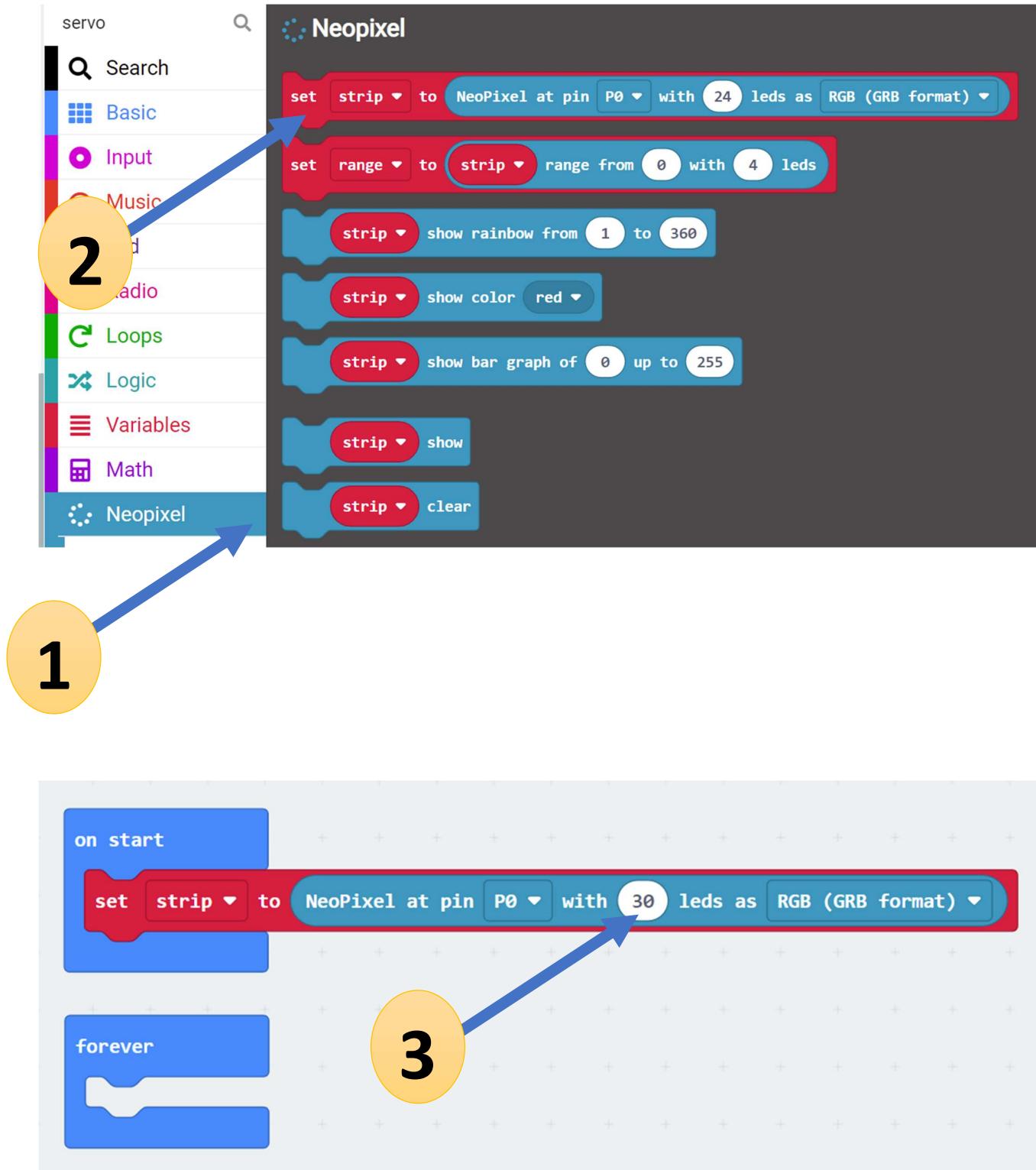
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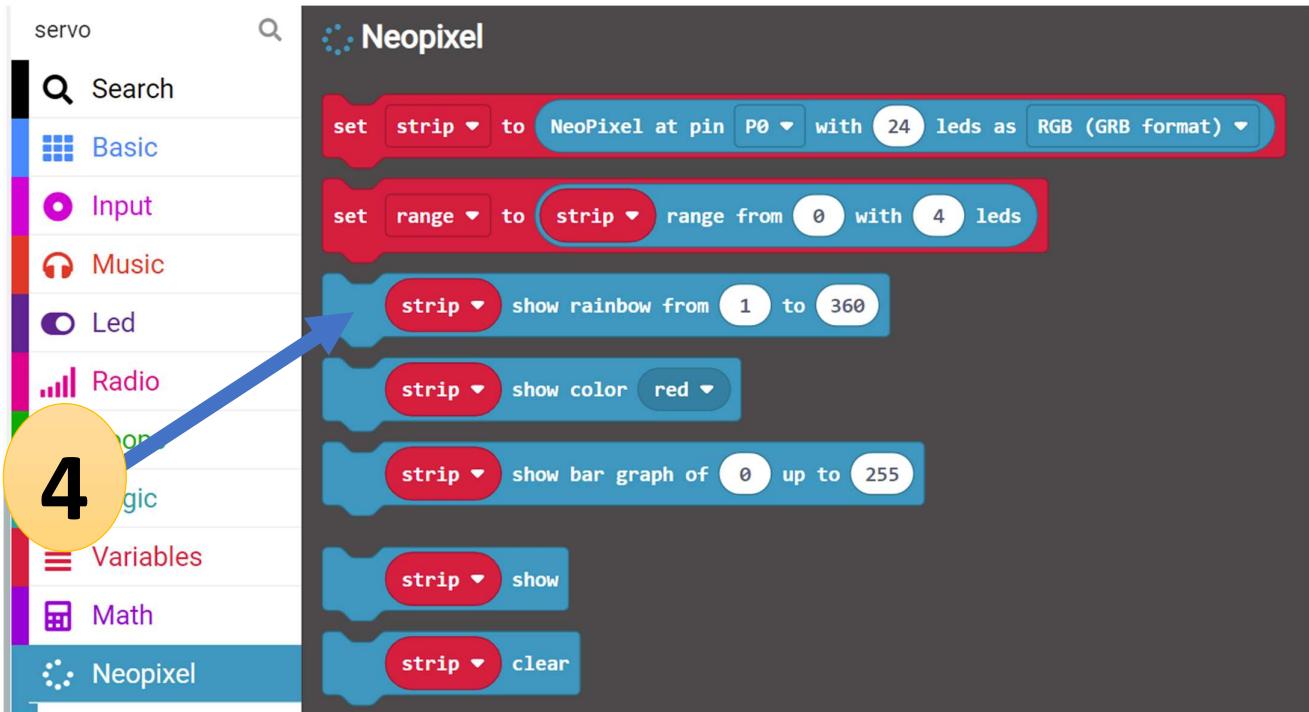
...

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Attach Speaker to P0

# 5 - Colour LEDs





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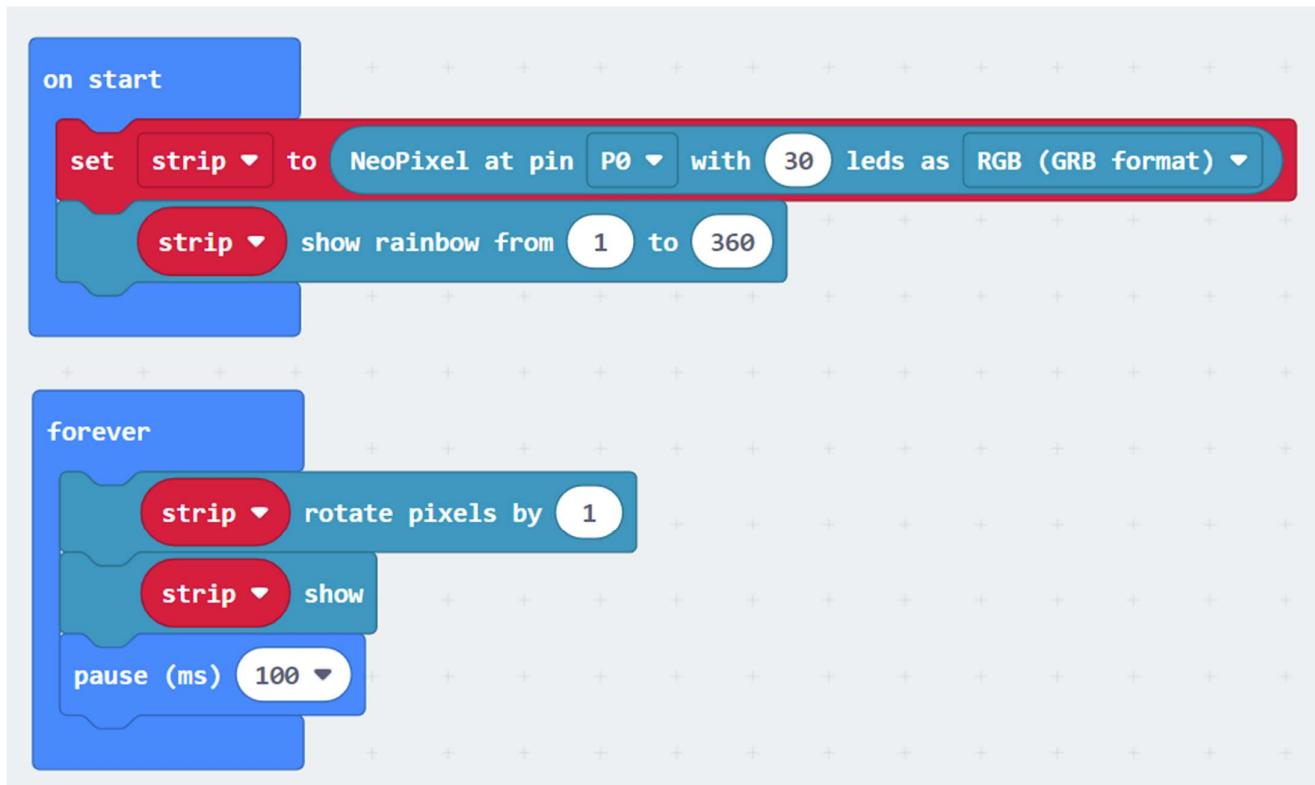
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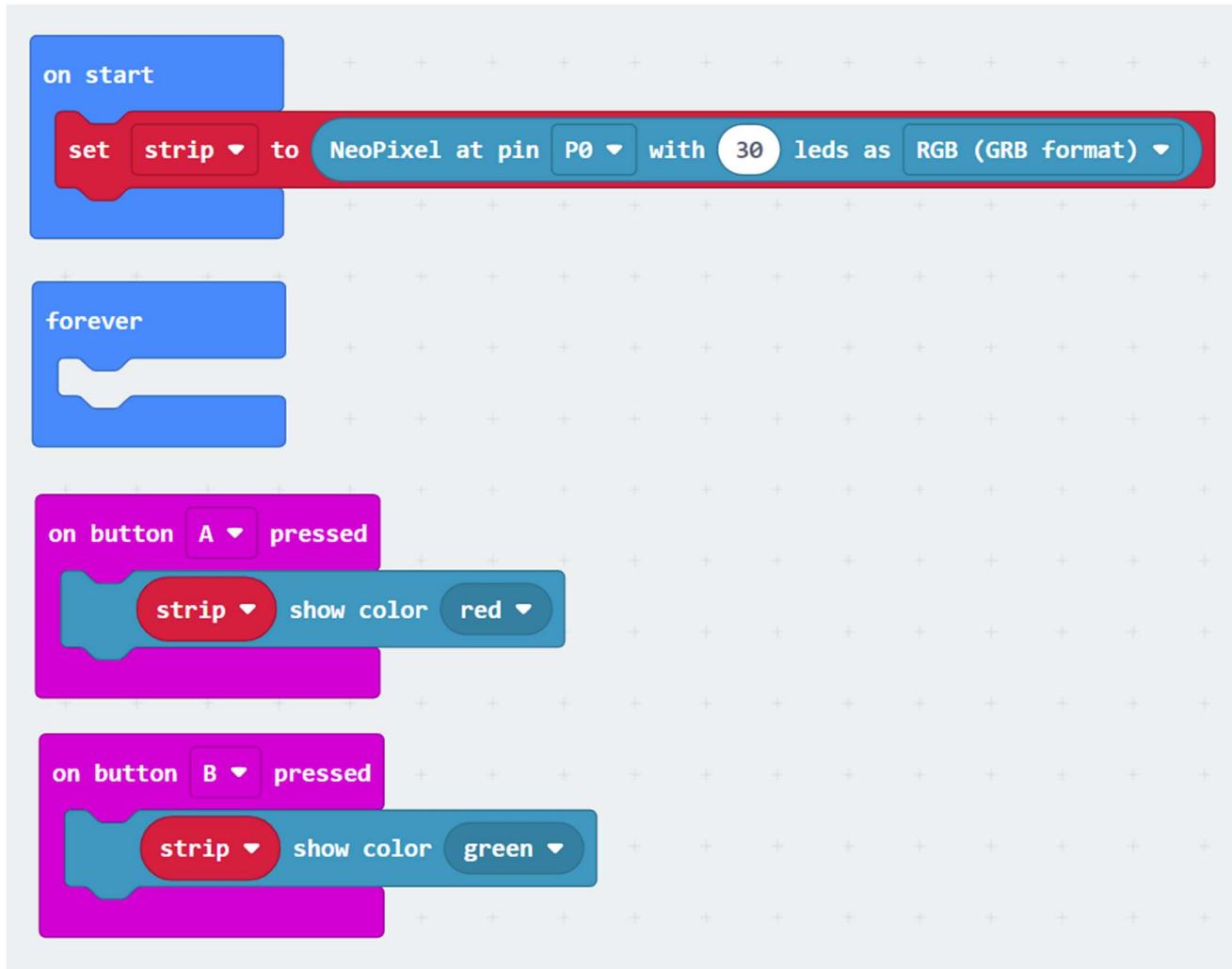
7

Attach LED strip to P0

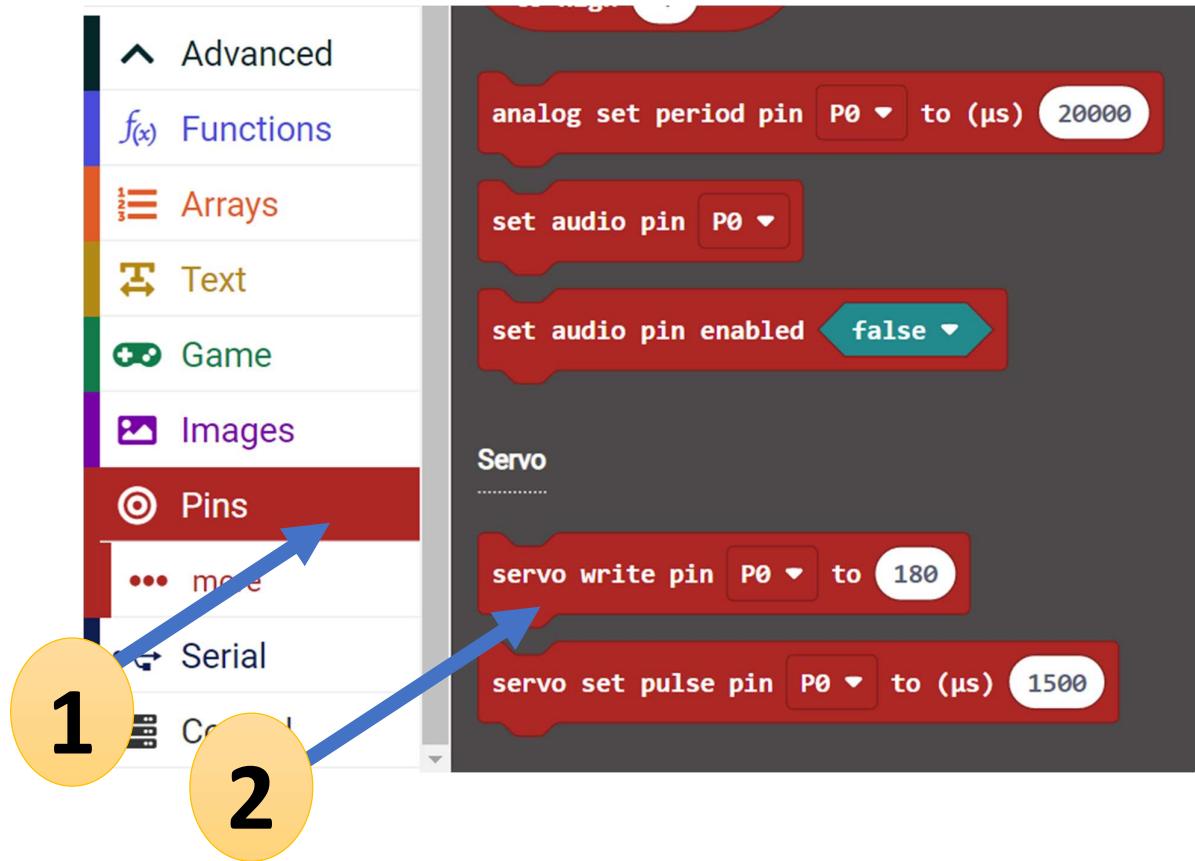
Try this code:



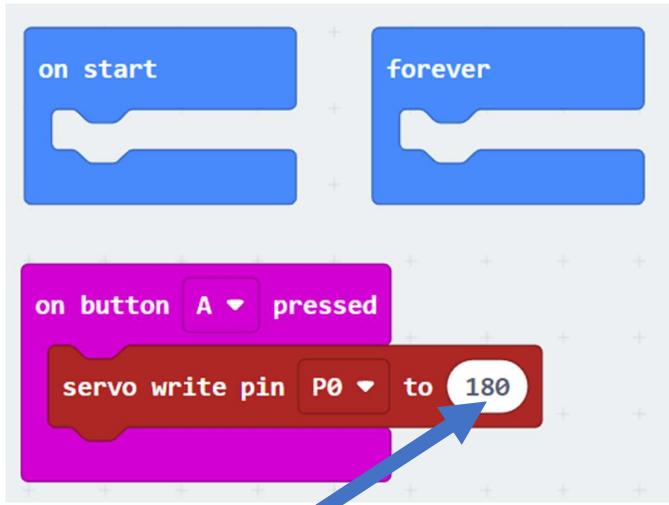
Try this code too:



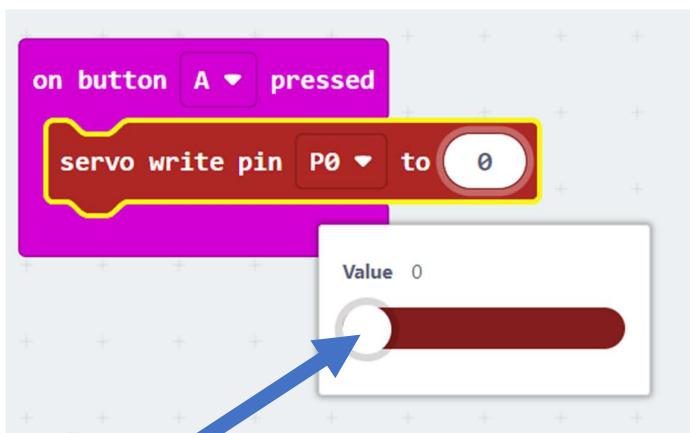
# 6 – Servo Motors



3

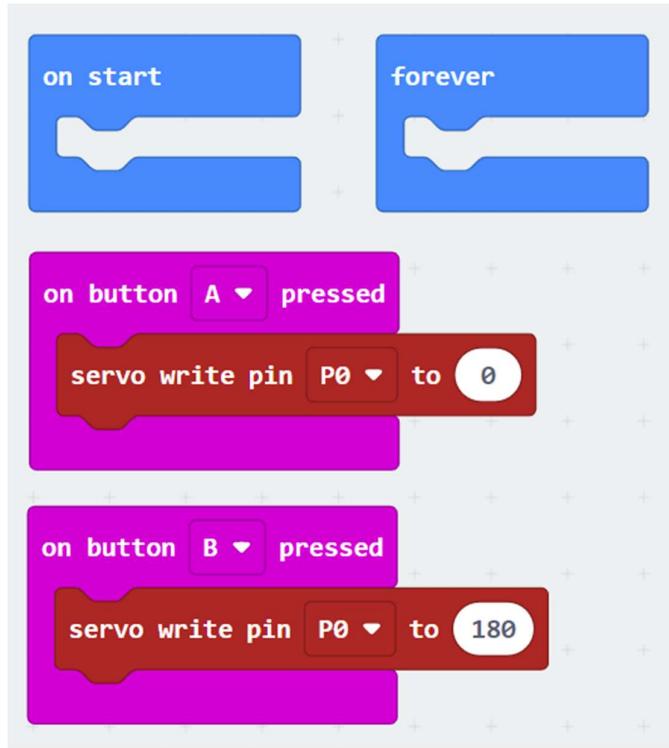


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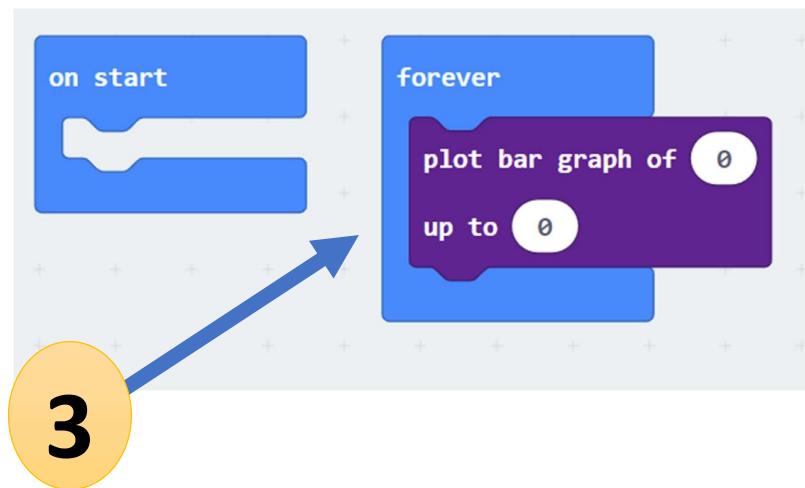
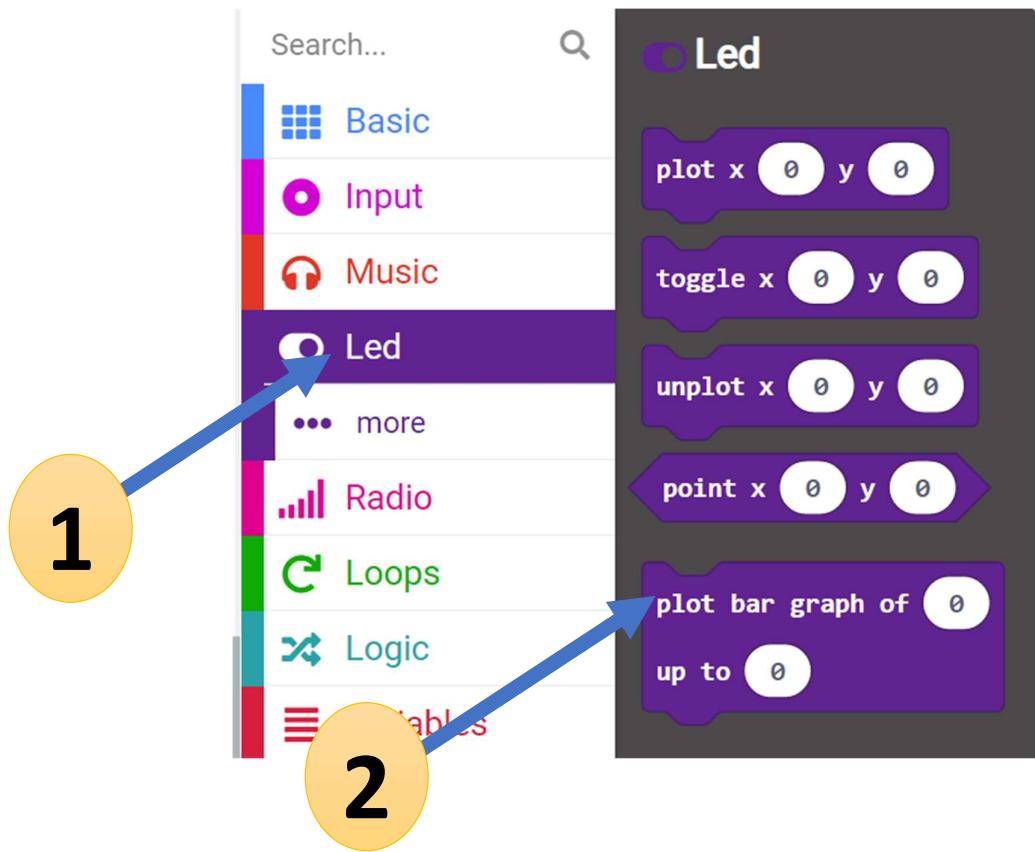
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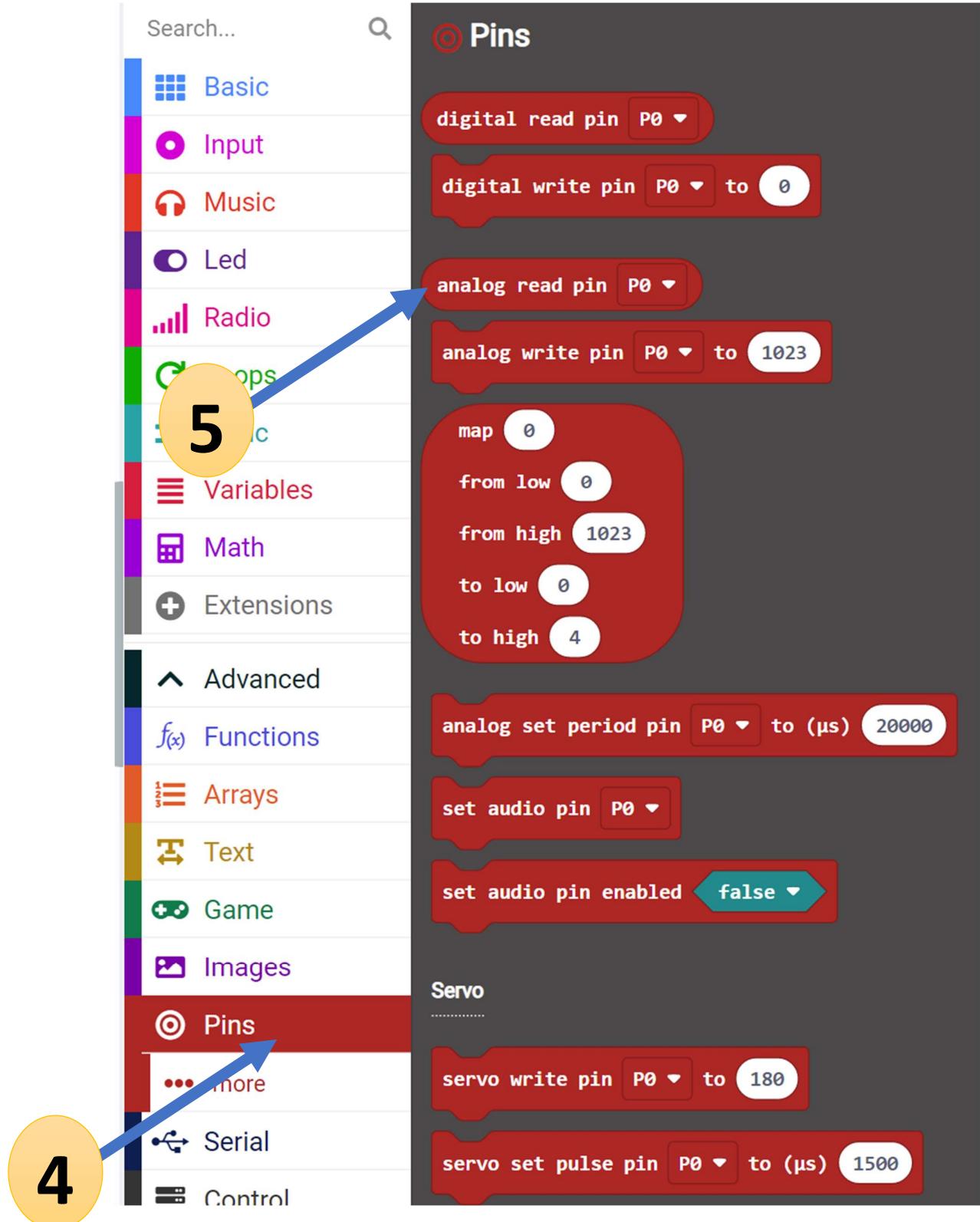
...

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Attach Servo motor to P0

# 7 – Light Sensors!







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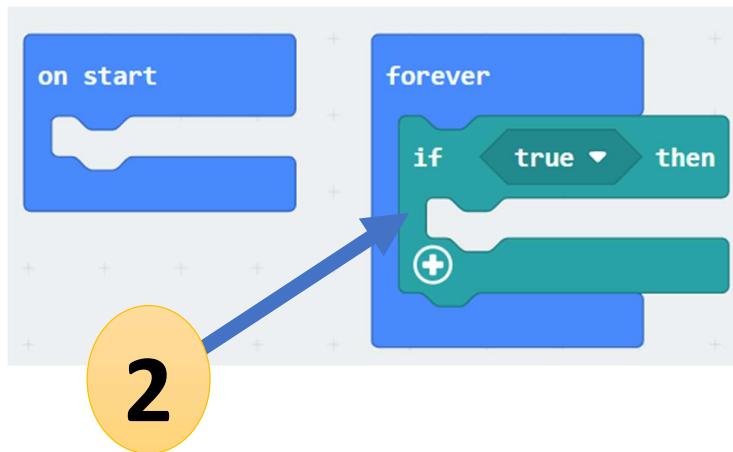
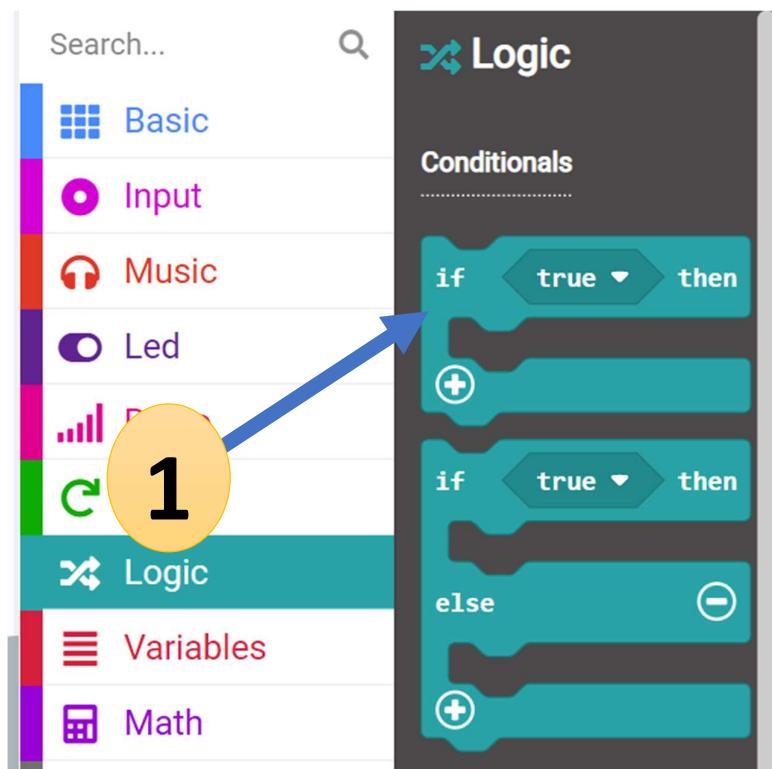
8

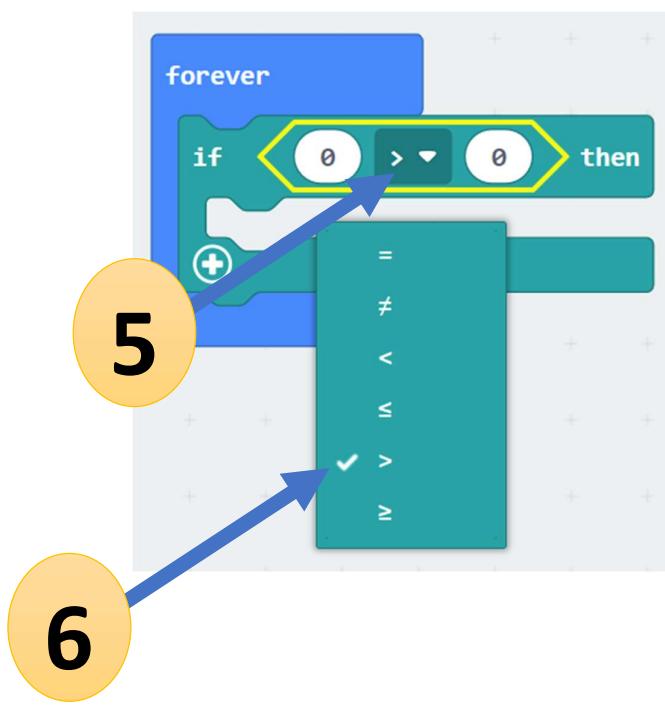
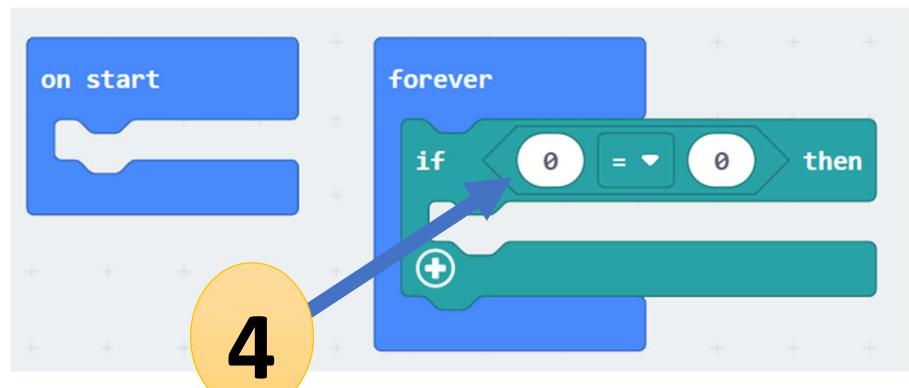
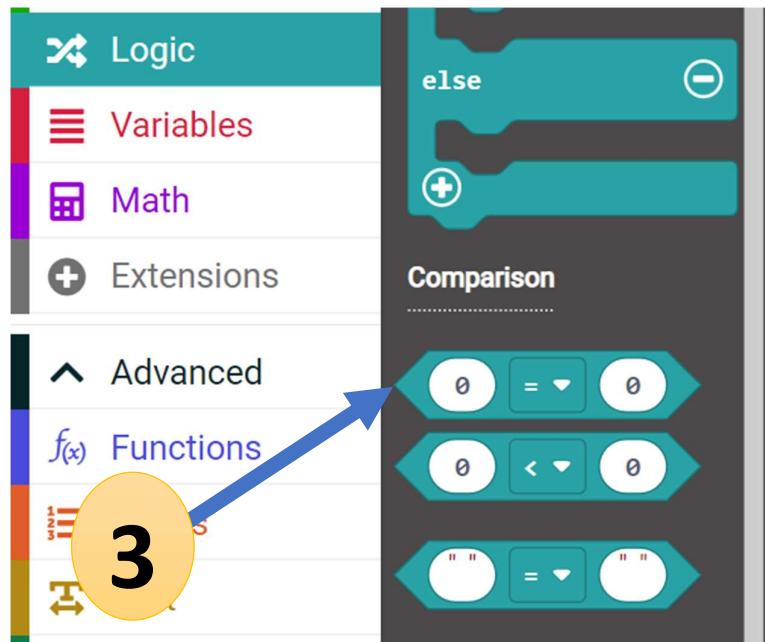
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Attach Light Sensor to P0

## 8- Logics

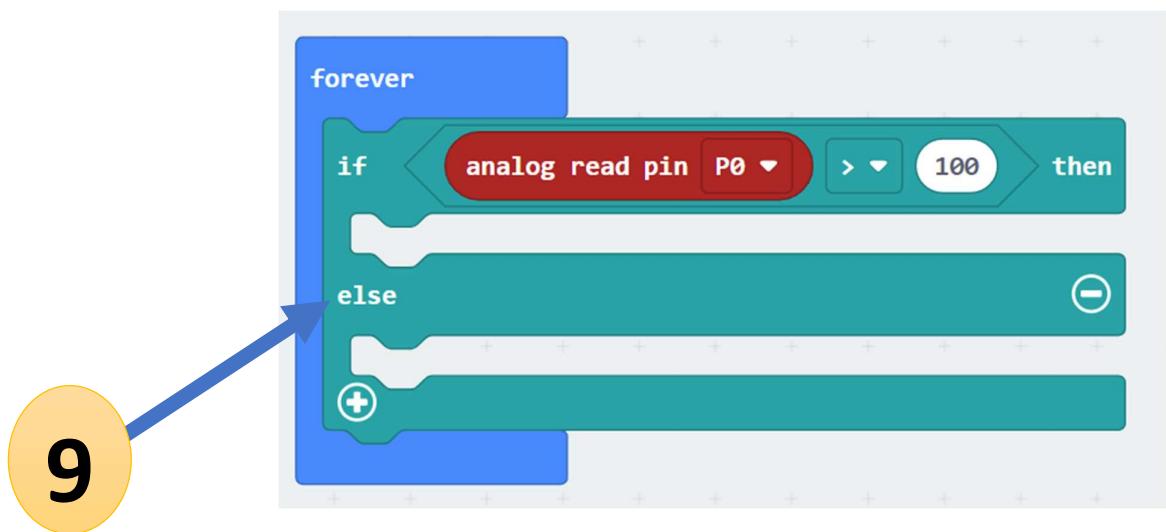




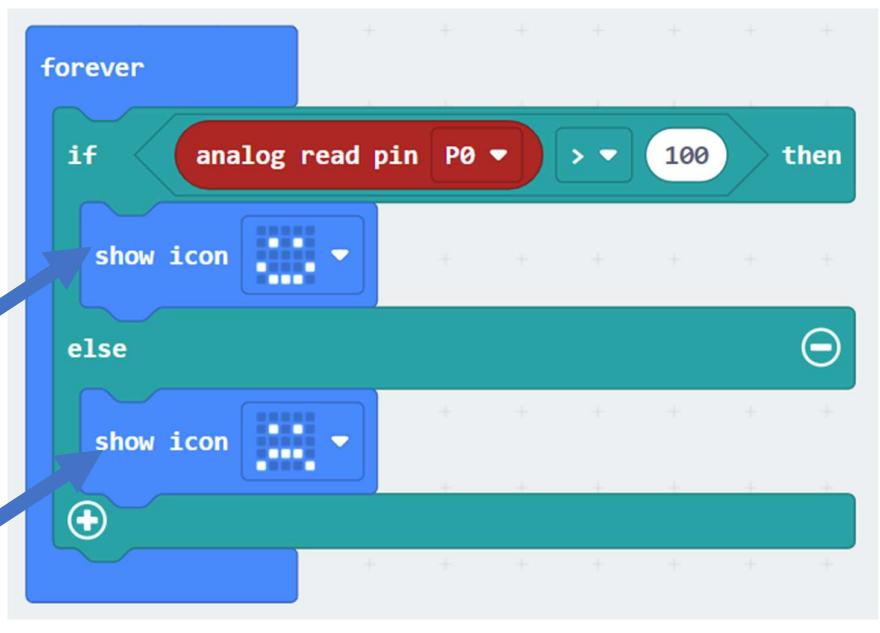


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13

Attach Light Sensor to P0

Try this code to drive servo motors with light sensors:

Attach Light Sensor to P0

Attach Servo Motor to P1

