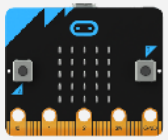
1


Click ‘ADD DEVICE’
Select device(s) from list

2

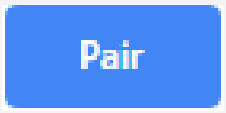


Connect the micro:bit battery

3


Click ‘CONNECT’

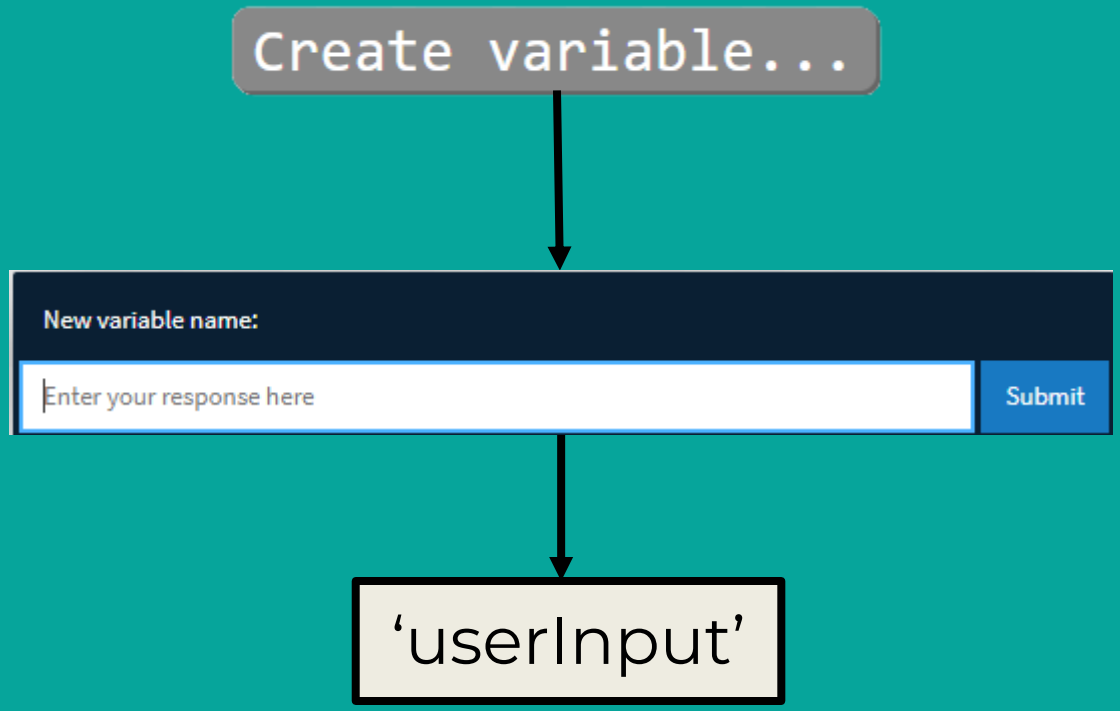
4




Select device from list
Click ‘Pair’

# Create a variable to use within your code

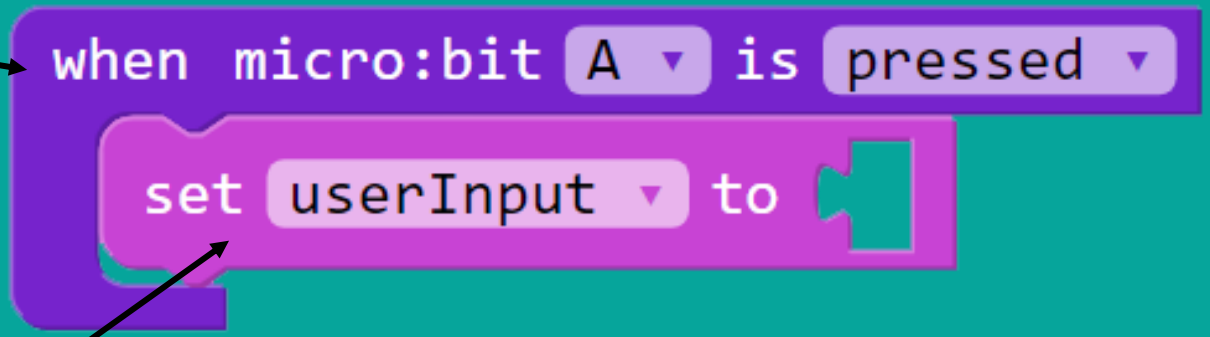
1




Remember: variables have no spaces and a capital letter on the first letter of the second word.

2

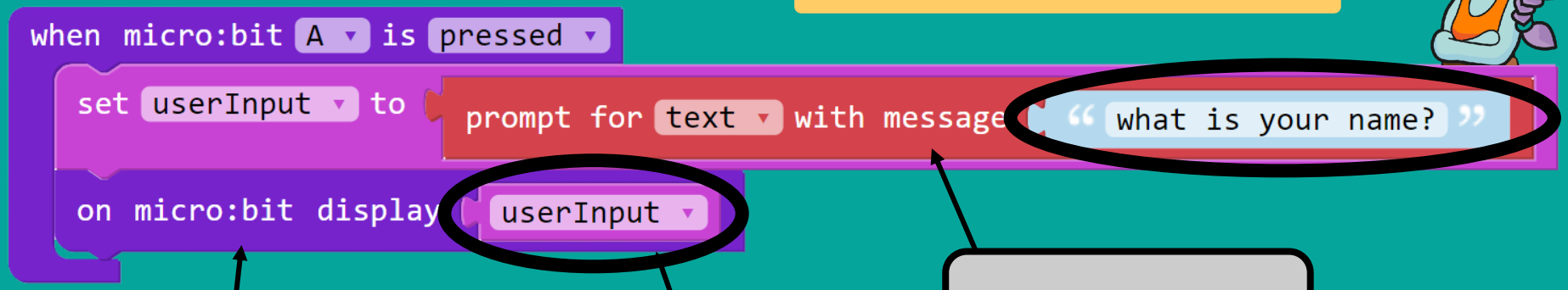
From 'micro:bit' 'Events'




From 'Variables'

You'll find the variable you created in the 'Variables' tab.

3




This text will pop up when you run the program!

From 'General'

From 'micro:bit' 'Actions'

From 'Variables'

Test your program!

1


Click ‘ADD DEVICE’
Select device(s) from list

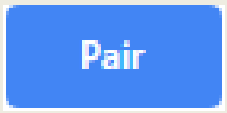
2

Turn on the Light Sensor

3


Click ‘CONNECT’

4

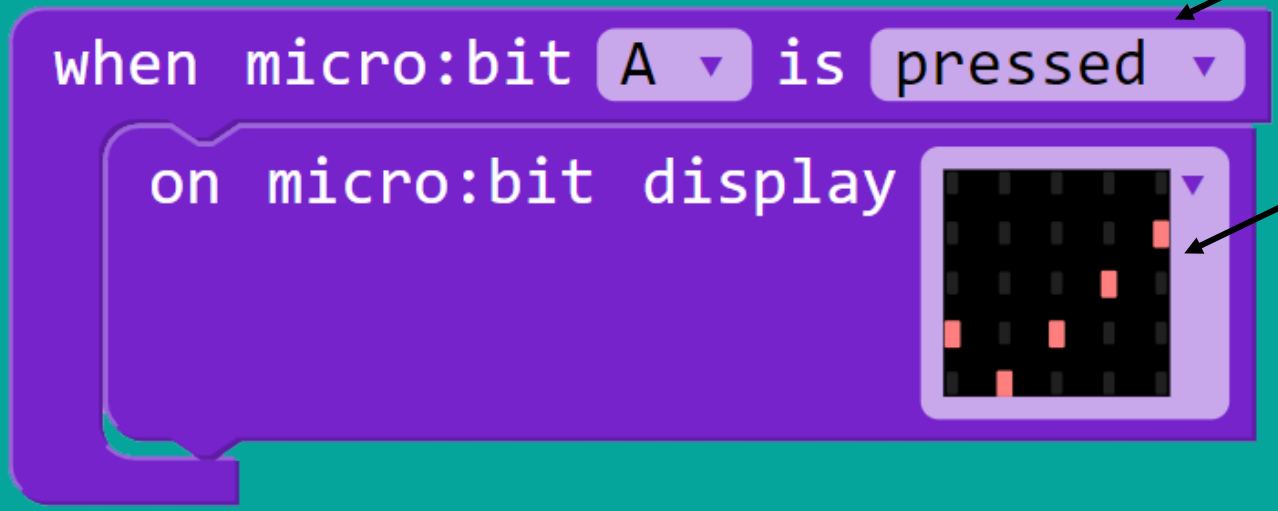



Select device from list
Click ‘Pair’

# micro:bit Test

Can you help me check my Cyber Scanner is working correctly by setting up the micro: bit test?

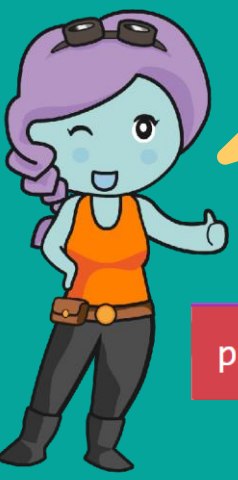
This block is already on the workspace from Let's Build




'yes'

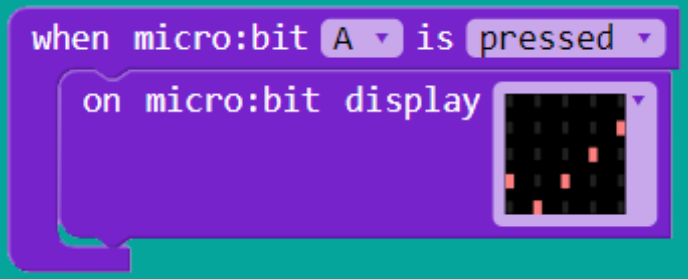
When you press 'A' on the micro: bit, does it display a check mark?

# Challenge



First, remove the ‘prompt’ block by dragging to the trash.

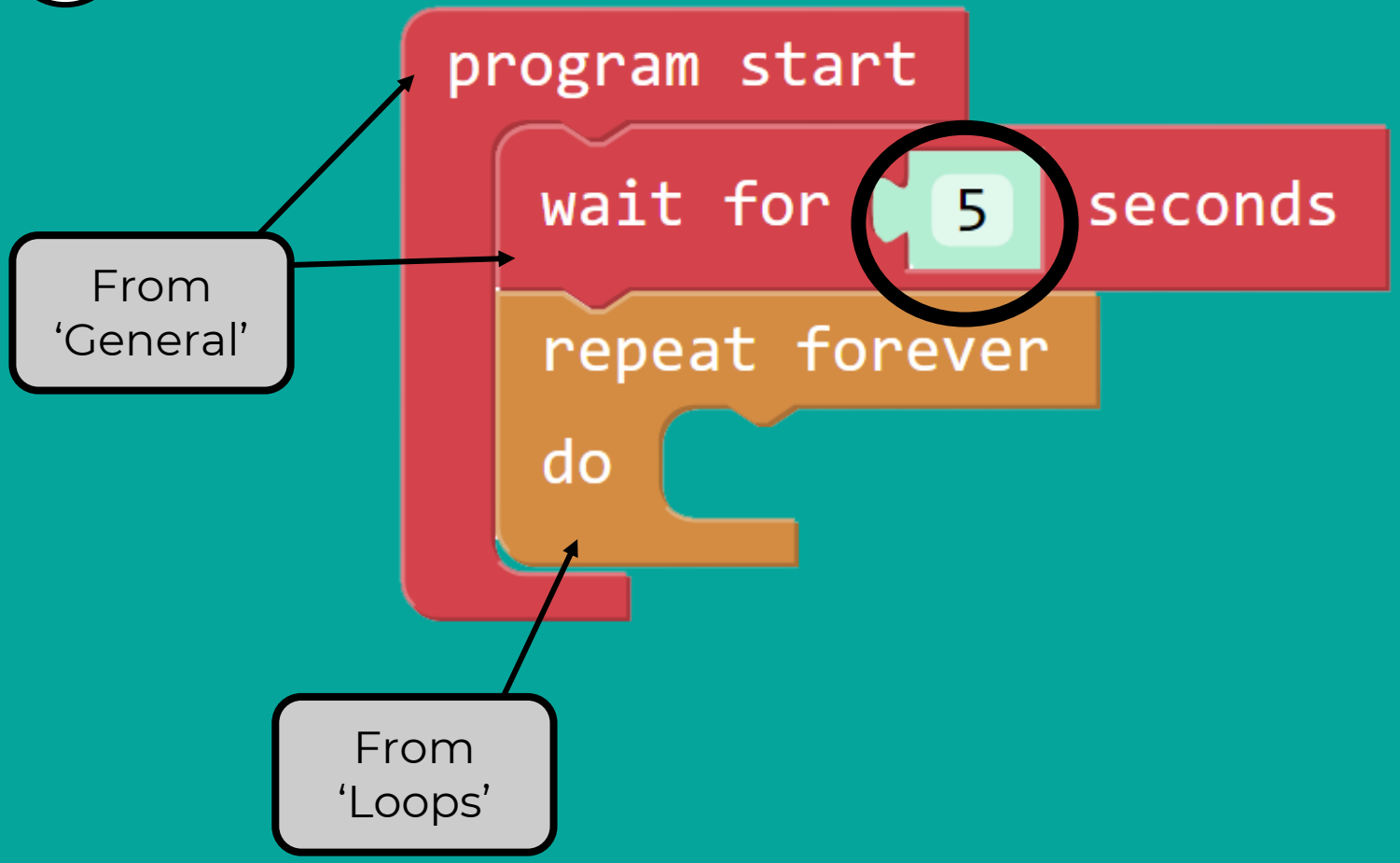

Your workspace will then look like this:




Challenge

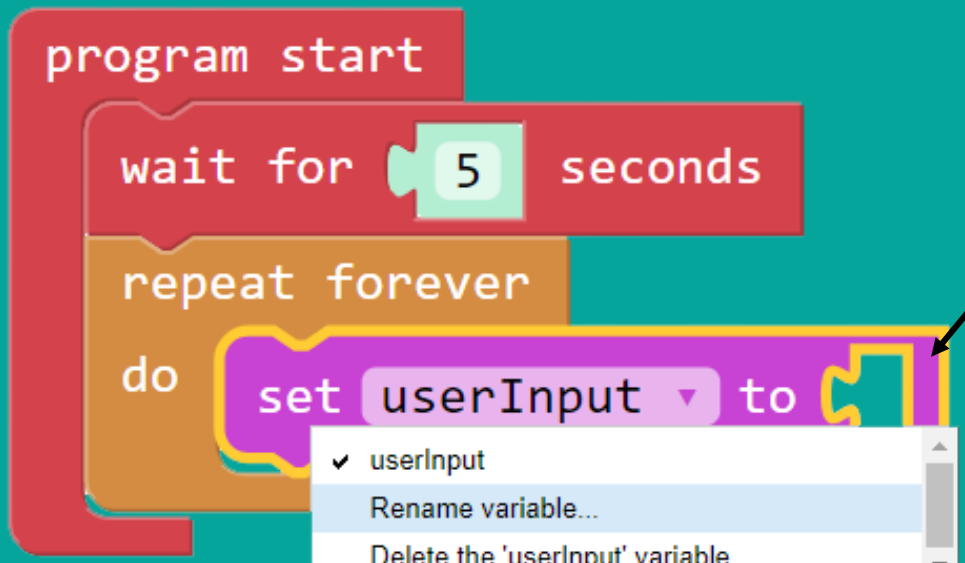
Code a program that will show Sam the path with the most light

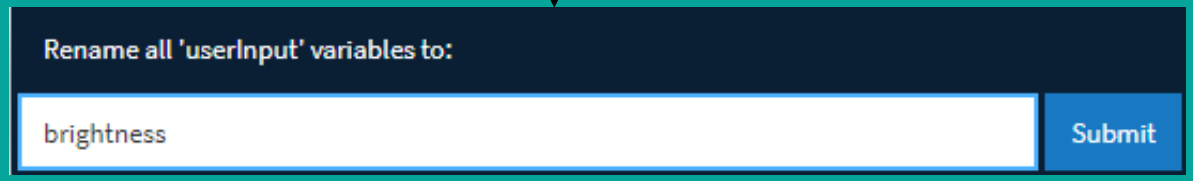
1



# Challenge

2



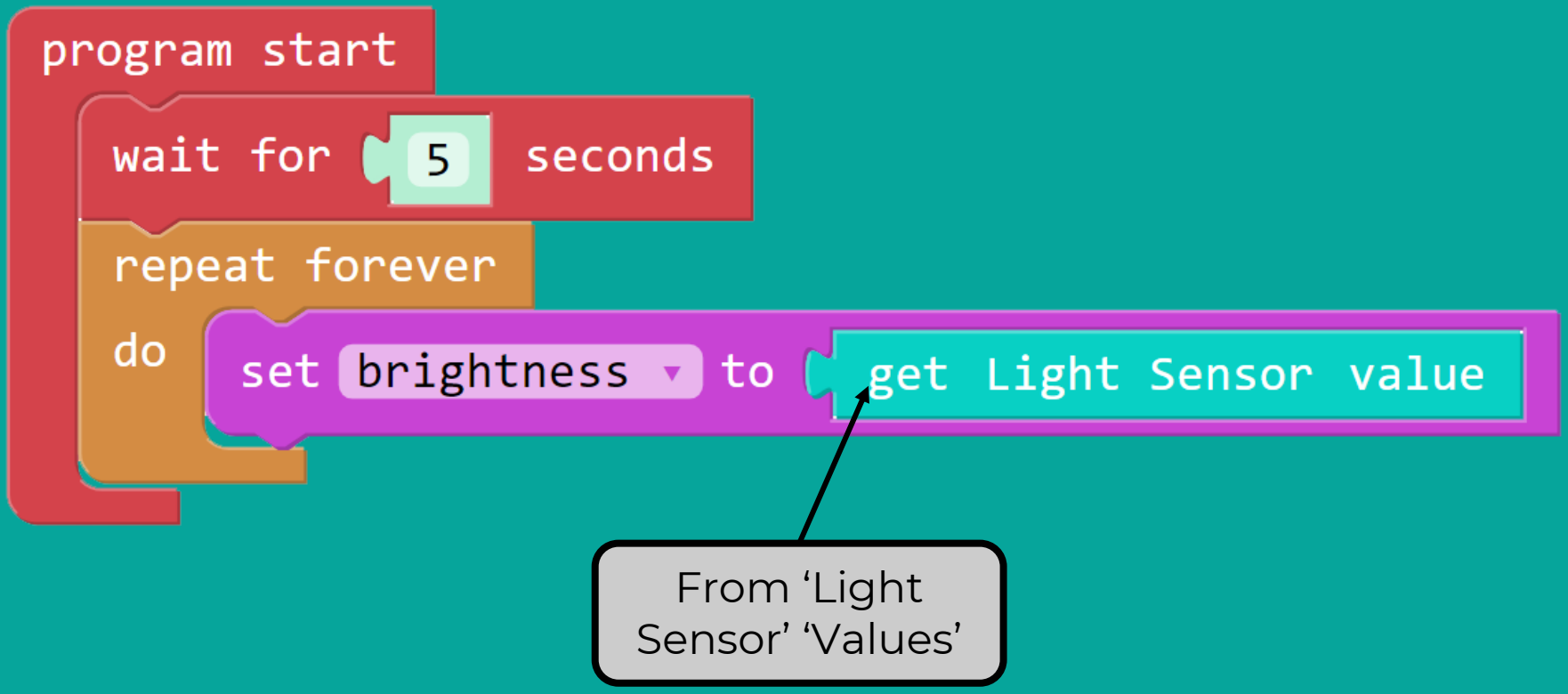




Drag this block back up from where it was waiting on the workspace!

First un-snap it from:

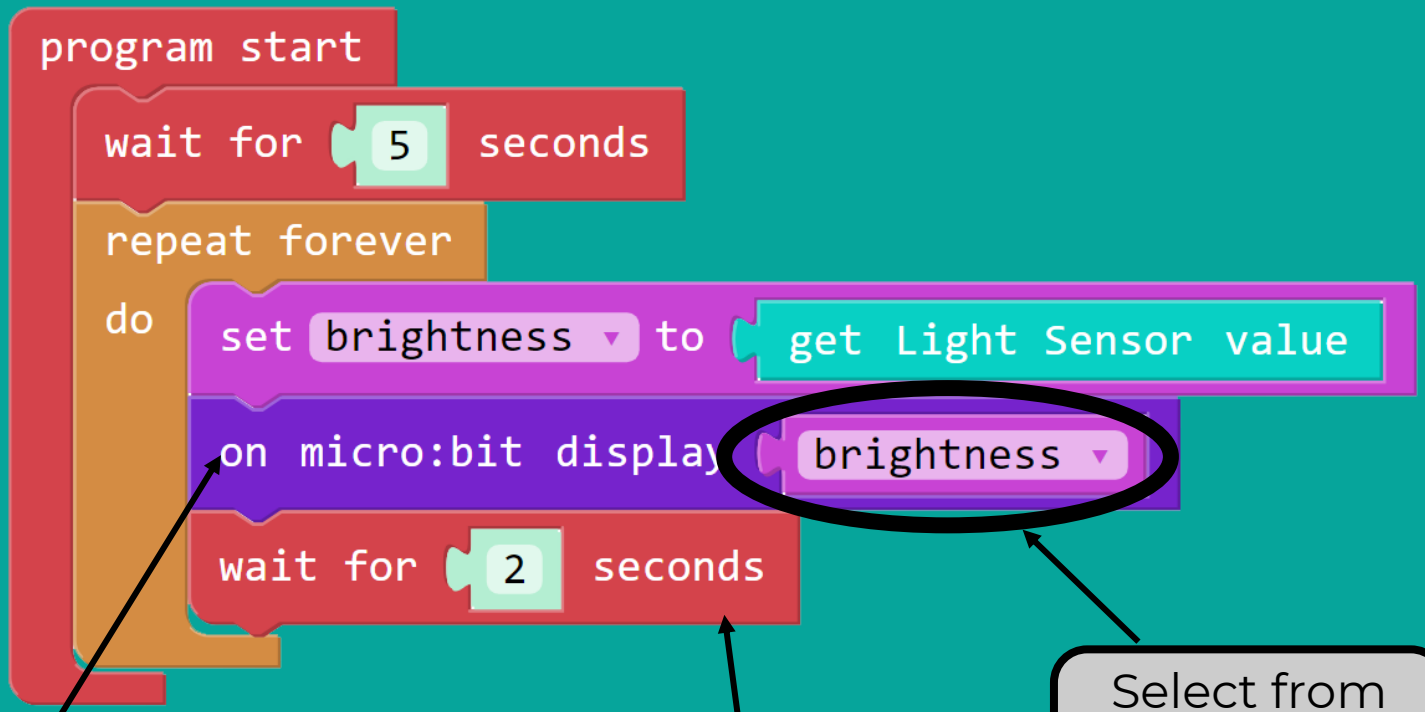

Challenge

3


program start
wait for 5 seconds
repeat forever
do
set brightness to
get Light Sensor value
From 'Light Sensor' 'Values'

# Challenge

4




Drag this block back up from where it was waiting on the workspace!

From ‘General’

Select from the drop-down

# Challenge: Test your program

Can you narrate your program?