

Train the Trainer Resources

Hex Files Here - https://goo.gl/mQoVRV

In Topic 3 you built a simple light meter. This extends that program by performing some

calculations on those readings

It will calculate and store the minimum and maximum light readings and allow those to be recalled later. It will also display the current (instantaneous) light level reading.

Using this example code. Download it to a micro:bit and test it

on start set min to 9 set max to 0 ## show number digit on button B pressed ## show number min on button B presse

Identify what is happening in this code?

Topic 7

Maths, Variables, and processing data

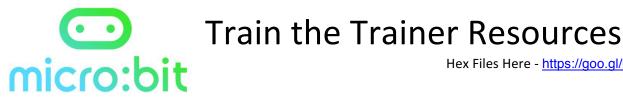
Learn about using variables as a way to store and retrieve data

Learn methods that numerical data can be processed.









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In this next part of the project, you will add an averaging feature to your light monitor. An average is a mathematical calculation producing a number that tells you something about all of the readings taken over a period of time.

Using this example code. Download it to a micro:bit and test it



Identify what is happening in this code?

Change the code so that it takes a reading every minute





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What have you learnt in this topic?	Topic 7 Maths, Variables and processing data
What else do you think you need to know about this topic and how will you find this out?	
How might you introduce this topic to other teachers?	
What areas of this topic might be difficult to teach or understand for other teachers?	

