Micro:bit challenge 4

Rolling two dice

Program the micro:bit to roll two six-sided dice (as if you're playing monopoly)

Each number should be displayed for two seconds, one followed by the other

Then the total should be displayed

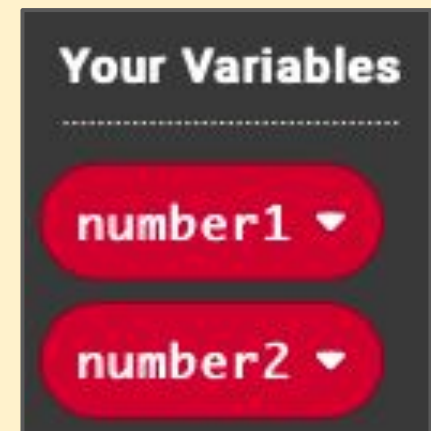Screenshot your program

Write about it

Micro:bit challenge 4

This is more complex

You'll need to use two **variables**. You need to make these first using the **Variables** section
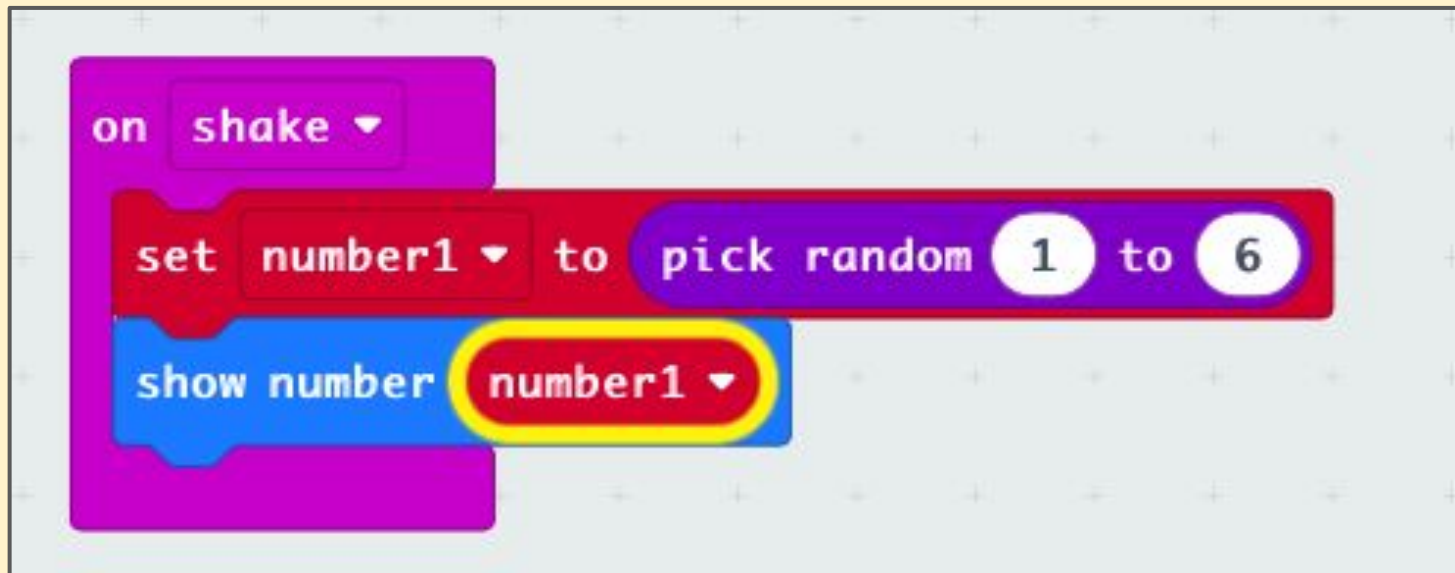

You can then use the variables inside blocks

Micro:bit challenge 4

This is a hint to get started with:

Next, roll the second die…

Then add them together (see next slide)

Micro:bit challenge 4

To add numbers together, use a purple **0 + 0 block** from the **Math** section

Use thi to show the total at the end of the program

Micro:bit challenge 4

Extend:

- use a Show String block to show a "+" after the first number has been displayed
- then use the same type of block to show an "=" sign after the second number – this will make it easier to see which numbers are being added
- don't forget to pause after each number
- they don't have to be six-sided dice…