



Construct your own fortune teller game

Step 1: Import the code

Download the hex file from our Live Lessons website.

Firstly, select '**My scripts**' on the top navigation on the micro:bit website (**www.microbit.co.uk**), and choose '**Create code**'.



Choose 'Import Code' and upload the hex file that you've downloaded from the Live Lessons website.



The script for your fortune teller game should now appear in your code window.

Hit **'run'** to see it in action on the simulator, or plug in your micro:bit, hit **'compile**' and drag your hex file onto your micro:bit to try out your fortune teller game.

Step 2: Understanding the code



Basic LED Images Input Logic Loops Math Game Music Pins Variables Notes

o if **Shake** = (false

forever

When you shake your micro:bit

This block of code indicates what happens when you shake your micro:bit.

Here we've said that **on shake**, the variable **shake** becomes **true**.

We've also introduced another variable **eightball**, and said set the variable to pick a random value from 0 to 4.





Step 3: Changing the code

You can adapt your fortune teller game by changing the replies that you get when you shake your micro:bit. Simply click within the quotation marks (" ") for each string and type in the message that you'd like showing.



You can also change the number of replies that you could get. You do so by changing the number of values that the **eightball** variable brings up.



You then need to add more IF statements after the final one, to correspond to the available values.



You'll find the block elements you need for this in the Logic, Variables, Math and Basic sections.

Test, play and show us what you've done

Now that you've made your very own fortune teller game, click '**run**' to test it on the simulator and '**compile**' to see it working on your micro:bit.

Click '**export**' to save off your code and send it to us at <u>live.lessons@bbc.co.uk</u>. You could see your codes featured on our **micro:bit Live Lesson** in February.