

Syntax error log

Broken code snippet	Error	What I added, changed or fixed	Reflections
<p>Code one</p> <pre>from microbit import *</pre> <pre>while True display.show(Image.HEART) sleep(500)</pre>	<p>There is a missing colon after 'while True'.</p>	<p>I added a colon:</p> <pre>from microbit import *</pre> <pre>while True: display.show(Image.HEART) sleep(500)</pre>	<p>I learnt that colons are really important for starting blocks of code. Once I added the colon, the heart started flashing on the micro:bit.</p>
<p>Code two</p> <pre>from microbit import *</pre> <pre>while True: display.show(Image.HEART) sleep(500)</pre>	<p>There is an indentation error.</p>	<p>I added four spaces of indentation:</p> <pre>from microbit import *</pre> <pre>while True: display.show(Image.HEART) sleep(500)</pre>	<p>Python needs indentation to know which lines belong inside 'while True:' After I added the indentation, the heart started flashing correctly on the micro:bit.</p>
<p>Code three</p> <pre>from microbit import *</pre> <pre>while True: display.show(Image.HEART) sleep(200)display.show(Image.SAD) sleep(200)</pre>	<p>There is a missing line break between two commands.</p>	<p>I added a new line:</p> <pre>from microbit import *</pre> <pre>while True: display.show(Image.HEART) sleep(50) display.show(Image.SAD) sleep(50)</pre>	<p>Two commands were on the same line so Python could not read them properly. I learnt that every instruction in Python needs its own line. Now the heart and sad face flash one after the other like they should.</p>