

## Syntax error log

Broken code snippet	Error	What I added, changed or fixed	Reflections
<p>Code one</p> <pre>from microbit import * while True     display.show(Image.HEART)     sleep(500)</pre>	There is a missing colon after 'while True'.	I added a colon: <pre>from microbit import * while True:     display.show(Image.HEART)     sleep(500)</pre>	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>Code two</p> <pre>from microbit import * while True:     display.show(Image.HEART)     sleep(500)</pre>	There is an indentation error.	I added four spaces of indentation: <pre>from microbit import * while True:     display.show(Image.HEART)     sleep(500)</pre>	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>Code three</p> <pre>from microbit import * while True:     display.show(Image.HEART)     sleep(200)     display.show(Image.SAD)     sleep(200)</pre>	There is a missing line break between two commands.	I added a new line: <pre>from microbit import * while True:     display.show(Image.HEART)     sleep(50)     display.show(Image.SAD)     sleep(50)</pre>	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.