

Debugging with the micro:bit Python Editor



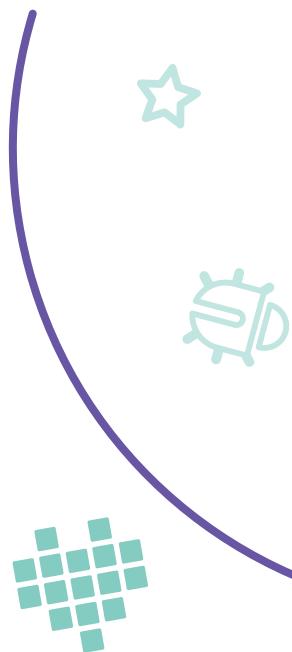
Reference code snippets

Drag and drop working code snippets to develop your coding and improve accuracy



Syntax errors highlighted with a red dot

Hover over the dot to see a helpful message



The screenshot shows the 'Reference' tab of the Python Editor. It includes sections for 'Display', 'Images: built-in', 'Scroll', 'Show', and 'Images: make your own'. Each section contains examples of code snippets that can be dragged and dropped into a project.

Code structure highlighting

Lines and block colour show when your code is aligned correctly

The screenshot shows a project titled 'Ana's first Python Project'. A syntax error is highlighted with a red dot on line 9. A callout box points to the error with the text '# Imports go at the top from microbit import *'. A code completion dropdown menu is open at the bottom of the screen, listing options like 'DIAMOND', 'DIAMOND_SMALL', and 'DUCK'.

Import micro:bit library

Always keep 'from microbit import *' at the start of your program.

This imports the library that allows access to all the amazing sensors, inputs, and outputs on the micro:bit.

The screenshot shows the Python Editor with a preview window displaying a diamond pattern on the micro:bit board. Below the preview are various sensor and control settings such as 'shake', 'light', 'proximity', 'sound', 'button A/B', 'pin 0/1/2/3/4', 'radio message', and 'serial port'.



Simulator

Test your code before transferring to your micro:bit



Auto-complete

Pick from existing code options to avoid typing errors

