Use an IDE to write and execute a Python program.

- Call functions and use the results they return in expressions.
- Use variables and data structures to keep track of information.
- Use selection and iteration to control program execution flow.
- Combine features to develop solutions to meaningful problems.
- Describe what the micro:bit is.
- List the built-in components for output and input.
- Test and debug Python programs for the micro:bit.
- Combine components to solve meaningful problems.
- Design a physical computing artifact purposefully.
- Decompose the functions of a physical computing system.
- Text revision, and refine the design of a project.

Write programs that use the micro:bit’s built-in output devices.

- Write programs that use the micro:bit’s built-in input devices.
- Write programs that use the GPIO pins for input and output.
- Write programs that exchange messages wirelessly.
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