Describe what algorithms are.
Describe what programs are.
Recall how machines need translators for executing programs.
Describe differences between algorithms and programs.
Walk through a sequence and sketch the state and output.
Walk through branches and sketch the state and output.
Walk through loops and sketch the state and output.
Use conditional selection to control the flow of program execution.
Use iteration to control the flow of program execution.
Use an IDE to write and execute a Python program.
Use variables as counters in iterative programs.
Use Boolean variables as flags.
Describe variables and use them in programs.
Describe input, process, and output in programs.
Locate and correct common syntax errors.
Use arithmetic operators and expressions.
Use relational operators and logical expressions.
Use randomness and using modules.
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