

English & Programming Activities

1) Read the phrases and highlight the words you understand better. Then try to infer the meaning of it as a whole.

- a - I used the quicksort algorithm to sort the array alphabetically.
- b - There must be a bug because the output is wrong.
- c - I wrote a new feature, and ran the code to check that it works.
- d - Block-based programming can be easier to learn than traditional text-based programming languages, like Python or Java.
- e - When bugs are discovered, software bugs are fixed by running software patches, and resolvable hardware bugs are fixed with firmware updates and drivers.
- f - With computer programming, a condition is the state of something in the program that's true or false.
- g - An error is a message shown to the user of a program to let them know something went wrong. A bug is a problem in the code that caused the error.

2) Complete the sentences with programming vocabulary.

- a - Programming is writing ____ (a set of instructions) to be interpreted and executed by a ____ or another electronic device.
- b - Data-flow ____ is a technique used by s____ engineers to ____ the way values of variables change over t____ as a program is executed.
- c - ____ tracking, also known as issue ____, is a part of the software ____ process.
- d - A deductive ____ is a database ____ that makes conclusions about its data based on a set of well-defined rules and facts.
- e - Batch ____ are often used to help load programs, run multiple processes at a time, and perform common or repetitive tasks.