

Error types

- Syntax errors
- Runtime errors
- Logical errors

Error types

Syntax error – error caused by not typing commands or variable names etc... correctly.

Syntax errors generally stop a program compiling so that it never runs.

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Runtime error – error caused by the program containing code that the computer can't deal with.

Usually causes a program to crash.

- Dividing by zero
- Printing a numerical value
- Not converting a string input to a number

Error types

Logical error – caused by the logic of the program being incorrect (e.g. an IF statement).

Programs run and usually no error is thrown. You may not even know that there's an error.

Test plans are used to make sure there are no logical errors in a program.