

1 Errors and debugging – Part 2 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 a mistake in a program that makes it behave incorrectly.

2.2 a syntax error breaks the language’s grammar so the program won’t run; a logic error runs but produces the wrong result.

2.3 the process of finding and fixing bugs in a program.

2.4 to follow the values of a program’s variables step by step, so you can find where it goes wrong.

2.5 it may contain a logic error – the code runs, but the instructions produce the wrong answer, so there is no error message.