

3.G: CONDITIONAL EXECUTION (GLOSSARY)



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body

The sequence of statements within a compound statement.

boolean expression

An expression whose value is either `True` or `False`.

branch

One of the alternative sequences of statements in a conditional statement.

chained conditional

A conditional statement with a series of alternative branches.

comparison operator

One of the operators that compares its operands: `==`, `!=`, `>`, `<`, `>=`, and `<=`.

conditional statement

A statement that controls the flow of execution depending on some condition.

condition

The boolean expression in a conditional statement that determines which branch is executed.

compound statement

A statement that consists of a header and a body. The header ends with a colon (:). The body is indented relative to the header.

guardian pattern

Where we construct a logical expression with additional comparisons to take advantage of the short-circuit behavior.

logical operator

One of the operators that combines boolean expressions: `and`, `or`, and `not`.

nested conditional

A conditional statement that appears in one of the branches of another conditional statement.

traceback

A list of the functions that are executing, printed when an exception occurs.

short circuit

When Python is part-way through evaluating a logical expression and stops the evaluation because Python knows the final value for the expression without needing to evaluate the rest of the expression.