AQA Computer Science GCSE
3.2.4 Relational Operations

Flashcards

What is a relational operation?

What is a relational operation?

A comparison between two values that returns True or False.

What does the == operator do?

What does the == operator do?

Checks if two values are equal.

Example: 5 == 5 → True

What does the != or <> operator mean?

What does the != or <> operator mean?

Checks if two values are not equal.

Example: 3 != 4 → True

What does the < operator do?

What does the < operator do?

Checks if the value on the left is less than the value on the right.

Example: 2 < 5 → True

What does the > operator do?

Checks if the value on the left is greater than the value on the right.

Example: 6 > 7 → False

What does the <= operator mean?

What does the <= operator mean?

Checks if the value on the left is less than or equal to the right.

Example: 5 <= 5 → True

What does the >= operator mean?

What does the >= operator mean?

Checks if the value on the left is greater than or equal to the right.

Example: 7 >= 10 → False

What kind of value do relational operators return?

What kind of value do relational operators return?

A Boolean value: True or False.

Where are relational operators commonly used?

Where are relational operators commonly used?

In IF, ELSE, and loop conditions to make decisions.

Do all programming languages use the same symbols?

Do all programming languages use the same symbols?

No, for example, Python uses !=, while VB.NET uses <> for "not equal to".