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CS3C

1. If Clauses:
In Python, an if statement is used to execute a block of code only in the event that a given condition is met.
It is an essential building block for implementing decision-making in software.

2. Statements using an if...else
An additional block of code is added by the if...else statement, which is run in the event that the condition in the if statement is false.
This concept enables the taking of distinct actions according to the true or false evaluation of a condition.

3. Statements with if...elif...else:
The if...elif...else statement allows for the sequential checking of multiple conditions, extending the functionality of the if...else construct.
When there are several possible outcomes and the software has to select the first true condition, it is helpful.