Important Things About Python Conditions

Short Hand If

If you have only one statement to execute, you can put it on the same line as the if statement.

Example

One line if statement:

if a > b: print("a is greater than b")

Short Hand If ... Else

If you have only one statement to execute, one for if, and one for else, you can put it all on the same line:

Example

One line if else statement:

a = 2  
b = 330  
print("A") if a > b else print("B")

This technique is known as **Ternary Operators**, or **Conditional Expressions**.