تمرین شماره : 4-5

موضوع: تفاوت بین عملگر های شرطی و عبارت های شرطی

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Conditional operators are used to evaluate a condition that's applied to one or two [boolean](https://www.thoughtco.com/definition-of-bool-958287) expressions. The result of the evaluation is either true or false.

A conditional statement Alternatively known as a conditional expression, conditional flow statement, and conditional processing, a conditional statement is a set of rules performed if a certain condition is met. It is sometimes called an If-Then statement, because IF a condition is met, THEN an action is performed.

Some difference between them are:

* A conditional operator is a single programming statement, while the 'if-else' statement is a programming block in which statements come under the parenthesis.
* A conditional operator can also be used for assigning a value to the variable, whereas the 'if-else' statement cannot be used for the assignment purpose.
* A conditional statement also marks the start of a new code block.

منابع

1. <https://www.javatpoint.com/conditional-operator-in-c#:~:text=A%20conditional%20operator%20is%20a,used%20for%20the%20assignment%20purpose>.
2. <https://www.computerhope.com/jargon/c/contstat.htm>
3. <https://java-programming.mooc.fi/part-1/6-conditional-statements>