More about on 'or' and 'and' operators

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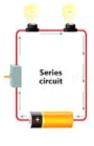
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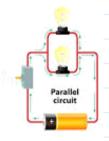
Python Logical Operators

Logical operators are used to combine conditional statements:

| Operator | Description | Example |
|----------|---|-----------------------|
| and | Returns True if both statements are true | x < 5 and $x < 10$ |
| or | Returns True if one of the statements is true | x < 5 or x < 4 |
| not | Reverse the result, returns False if the result is true | not(x < 5 and x < 10) |

Series and parallel circuits









| Α | В | A AND B | A OR B | NOT A |
|-------|-------|---------|--------|-------|
| False | False | False | False | True |
| False | True | False | True | True |
| True | False | False | True | False |
| True | True | True | True | False |