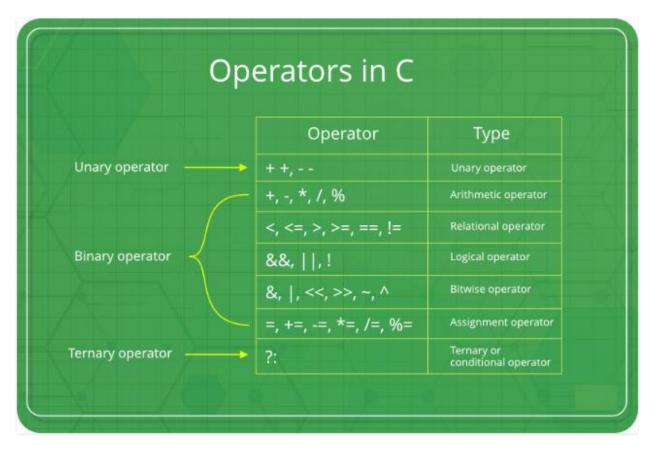


CHI TIẾT CÁC TOÁN TỬ TRONG LẬP TRÌNH C++

(tài liệu tham khảo dành cho học viên)

Operators in C++



| OPERATOR | DESCRIPTION | ASSOCIATIVITY |
|----------|--|---------------|
| 0 | Parentheses (function call) | left-to-right |
| 0 | Brackets (array subscript) | |
| | Member selection via object name | |
| -> | Member selection via pointer | |
| ++/- | Postfix increment/decrement | |
| ++/- | Prefix increment/decrement | right-to-left |
| +/- | Unary plus/minus | |
| !~ | Logical negation/bitwise complement | |
| (type) | Cast (convert value to temporary value of type) | |
| * | Dereference | |
| & | Address (of operand) | |
| sizeof | Determine size in bytes on this implementation | |
| *,/,% | Multiplication/division/modulus | left-to-right |
| +/- | Addition/subtraction | left-to-right |
| << ,>> | Bitwise shift left, Bitwise shift right | left-to-right |
| < , <= | Relational less than/less than or equal to | left-to-right |
| >,>= | Relational greater than/greater than or equal to | left-to-right |
| == , != | Relational is equal to/is not equal to | left-to-right |

| & | Bitwise AND | left-to-right |
|---------|---|---------------|
| ٨ | Bitwise exclusive OR | left-to-right |
| 1 | Bitwise inclusive OR | left-to-right |
| && | Logical AND | left-to-right |
| II | Logical OR | left-to-right |
| ?: | Ternary conditional | right-to-left |
| = | Assignment | right-to-left |
| += , -= | Addition/subtraction assignment | |
| *= , /= | Multiplication/division assignment | |
| %= , &= | Modulus/bitwise AND assignment | |
| ^= , = | Bitwise exclusive/inclusive OR assignment | |
| <>= | Bitwise shift left/right assignment | |
| , | expression separator | left-to-right |

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