|  |  |  |  |
| --- | --- | --- | --- |
| **Level** | **Operator** | **Description** | **Associativity** |
| **16** | () [] . | parentheses array access member access | left-to-right |
| **15** | ++ -- | unary post-increment unary post-decrement | left-to-right |
| **14** | + - ! ~ ++ -- | unary plus unary minus unary logical NOT unary bitwise NOT unary pre-increment unary pre-decrement | right-to-left |
| **13** | () new | cast object creation | right-to-left |
| **12** | \* / % | multiplicative | left-to-right |
| **11** | + - + | additive string concatenation | left-to-right |
| **10** | << >> >>> | shift | left-to-right |
| **9** | < <= > >= instanceof | relational | left-to-right |
| **8** | == != | equality | left-to-right |
| **7** | & | bitwise AND | left-to-right |
| **6** | ^ | bitwise XOR | left-to-right |
| **5** | | | bitwise OR | left-to-right |
| **4** | && | logical AND | left-to-right |
| **3** | || | logical OR | left-to-right |
| **2** | ?: | ternary | right-to-left |
| **1** | =   +=   -= \*=   /=   %= &=   ^=   |= <<=  >>= >>>= | assignment | right-to-left |
| **0** | -> | lambda expression arrow | right-to-left |