Awesome Operators
In Perl 6 we have a few new operators...
if $status eq 'error' || $status eq 'warning' {
  ...
}
Junctions

if $status eq 'error' || $status eq 'warning' {
    ...
}

if $status eq 'error' | 'warning' {
    ...
}
Junctions

while $value < $limit1 && $value < $limit2 {
    ...
}

while $value < $limit1 && $value < $limit2 {
    ...
}

while $value < $limit1 & $limit2 {
    ...
}
Sequences

say 1, 2, 4 ... 1024;

1 2 4 8 16 32 64 128 256 512 1024
Sequences

```perl
my @fib = 1, 1, *++* ... *;
say @fib[0..9]
```
1 1 2 3 5 8 13 21 34 55 89
my @fib = 1, 1, *++* ... *;
say @fib[^10]

1 1 2 3 5 8 13 21 34 55 89
Awesome
Meta-operators
Higher order operators
Operators that operate on operators
Reduction

Puts an operator between every element in a list

say [*] 1..10

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Reduction

my @sorted = 1,4,7,9,11;
my @unsorted = 3, 1, 9, 25;

say [<] @sorted;
say [<] @unsorted;

Bool::True
Bool::False
Zip
Take elements from two or more lists and combine them with some operator

say 1 .. 6 Z~ 'A'..'F'

1A 2B 3C 4D 5E 6F
Cross

All permutations of two or more lists, combined with some operator

say 1 .. 3 X~ 'A'..'F'

1A 1B 1C 1D 1E 1F 2A 2B 2C 2D 2E 2F 3A 3B 3C 3D 3E 3F
Your Awesome Operators
What if Perl 6 built in operators are not enough?
You can add your own!
Factorial

Add a ! operator to do factorial

sub postfix:<!>($n) { [*] 1..$n }
say 10!

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And you have all of unicode!
Insert In Middle

Operator to add an element to the middle of an array
Insert In Middle

Operator to add an element to the middle of an array
sub infix:<中>(@array, $ins) {
    @array.splice(+@array / 2, 0, $ins);
    return @array;
}

my @a = 1,2,4,5;
say @a 中 3;

1 2 3 4 5
Thanks! 😊