Mapping Operators to Functions :

Operation	Syntax	Function
Addition	*a + b*	add(a, b)
Concatenation	*seq1 + seq2*	concat(seq1, seq2)
Containment Test	*o in seq*	contains(seq, o)
Division	*a / b*	div(a, b) # without __future__.division
Division	*a / b*	truediv(a, b) # with __future__.division
Division	*a // b*	floordiv(a, b)
Bitwise And	*a & b*	and_(a, b)
Bitwise Exclusive Or	*a ^ b*	xor(a, b)
Bitwise Inversion	~ a	invert(a)
Bitwise Or	*a | b*	or_(a, b)
Exponentiation	*a ** b*	pow(a, b)
Identity	*a is b*	is_(a, b)
Identity	*a is not b*	is_not(a, b)
Indexed Assignment	*o[k] = v*	setitem(o, k, v)
Indexed Deletion	del o[k]	delitem(o, k)
Indexing	*o[k]*	getitem(o, k)
Left Shift	*a << b*	lshift(a, b)
Modulo	*a % b*	mod(a, b)
Multiplication	*a * b*	mul(a, b)
Negation (Arithmetic)	- a	neg(a)
Negation (Logical)	not a	not_(a)
Right Shift	*a >> b*	rshift(a, b)
Sequence Repitition	*seq * i*	repeat(seq, i)
Slice Assignment	*seq[i:j] = values*	setslice(seq, i, j, values)
Slice Deletion	del seq[i:j]	delslice(seq, i, j)
Slicing	*seq[i:j]*	getslice(seq, i, j)

String Formatting	***s % o***	**mod(s, o)**
Subtraction	***a - b***	**sub(a, b)**
Truth Test	***o***	**truth(o)**
Ordering	***a < b***	**lt(a, b)**
Ordering	***a <= b***	**le(a, b)**
Equality	***a == b***	**eq(a, b)**
Difference	***a != b***	**ne(a, b)**
Ordering	***a >= b***	**ge(a, b)**
Ordering	***a > b***	**gt(a, b)**