

TABLE 1: Operator precedence and associativity

Level	Operators	Description	Associativity
1	(expressions...), [expressions...], {key:value...}, {expressions...}	binding or tuple display, list display, dictionary display, set display	left to right
2	x[index], x[index:index], x(arguments...), x.attribute	subscription, slicing, call, attribute reference	left to right
3	await x	await expression	left to right
4	**	exponentiation	right-to-left
5	+x, -x, ~x	positive, negative, bitwise NOT	left-to-right
6	*, @, /, //, %	multiplication, matrix multiplication, division, floor division, remainder	left-to-right
7	+x, -x	addition, subtraction	left to right
8	<<, >>	shifts	left to right
9	&	bitwise AND	left to right
10	^	bitwise XOR	left to right
11	 	bitwise OR	left to right
12	in, not in, is, is not, <, <=, >, >=, !=, ==	comparisons, including membership tests and identity tests	left to right
13	not x	boolean NOT	left to right
14	and	boolean AND	left to right
15	or	boolean OR	left to right
16	if - else	conditional expression	left to right
17	lambda	lambda expression	left to right

Operators are shown in decreasing order of precedence from level 1 to level 17.

TABLE 2: Standard ASCII code (in decimal)

0	NUL	16	DLE	32	SP	48	0	64	@	80	P	96	`	112	p
1	SOH	17	DC1	33	!	49	1	65	A	81	Q	97	a	113	q
2	STX	18	DC2	34	"	50	2	66	B	82	R	98	b	114	r
3	ETX	19	DC3	35	#	51	3	67	C	83	S	99	c	115	s
4	EOT	20	DC4	36	\$	52	4	68	D	84	T	100	d	116	t
5	ENQ	21	NAK	37	%	53	5	69	E	85	U	101	e	117	u
6	ACK	22	SYN	38	&	54	6	70	F	86	V	102	f	118	v
7	BEL	23	ETB	39	'	55	7	71	G	87	W	103	g	119	w
8	BS	24	CAN	40	(56	8	72	H	88	X	104	h	120	x
9	HT	25	EM	41)	57	9	73	I	89	Y	105	i	121	y
10	LF	26	SUB	42	*	58	:	74	J	90	Z	106	j	122	z
11	VT	27	ESC	43	+	59	;	75	K	91	[107	k	123	{
12	FF	28	FS	44	,	60	<	76	L	92	\	108	l	124	
13	CR	29	GS	45	-	61	=	77	M	93]	109	m	125	}
14	SO	30	RS	46	.	62	>	78	N	94	^	110	n	126	~
15	SI	31	US	47	/	63	?	79	O	95	_	111	o	127	DEL

SP means space.