

Python Bootcamp & Masterclass

assignment operators



Operators



Arithmetic

+

Comparison

>

Assignment

=

Logical

or

Bitwise

Membership

in

Identity

is

assignment operators

Python has thirteen assignment operators to perform in-place assignments.

```
z = 42
a, b, c = 1, 2, 3
d = [1, 2, 3, 4]
z
a
b
c
d
```

42

1

2

3

[1, 2, 3, 4]

```
p, *q, r = 9.1, 9.8, 9.5, 8.9, 9.9, 9.4
q
```

[9.8, 9.5, 8.9, 9.9]

OPERATOR	USAGE	EXECUTION	RESULT (X = 5)
=	x = 5	x = 5	5
+=	x += 3	x = x + 3	8
-=	x -= 3	x = x - 3	2
*=	x *= 3	x = x * 3	15
/=	x /= 3	x = x / 3	1.667
%=	x %= 3	x = x % 3	2
//=	x //= 3	x = x // 3	1
**=	x **= 3	x = x ** 3	125
&=	x &= 3	x = x & 3	1
=	x = 3	x = x 3	7
^=	x ^= 3	x = x ^ 3	6
>>=	x >>= 3	x = x >> 3	0
<<=	x <<= 3	x = x << 3	40



Online Resources

For best python resources, please visit:



gknxt.com/python/

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