Python Assignment Operators

Assignment operators are used to assign values to variables:

Operator	Description	Syntax
=	Assign the value of right side of expression to left side operand	x = y + z
+=	Add AND: Add right-side operand with left side operand and then assign to left operand	a += b a = a+b
-=	Subtract AND: Subtract right operand from left operand and then assign to left operand	a -= b a = a-b
*=	Multiply AND: Multiply right operand with left operand and then assign to left operand	a *= b a = a*b
/=	Divide AND: Divide left operand with right operand and then assign to left operand	a /= b a = a/b
%=	Modulus AND: Takes modulus using left and right operands and assign the result to left operand	a %= b a = a%b
//=	Divide(floor) AND: Divide left operand with right operand and then assign the value(floor) to left operand	a // = b a = a // b

**=	Exponent AND: Calculate exponent(raise power) value using operands and assign value to left operand	a ** = b a = a**b
&=	Performs Bitwise AND on operands and assign value to left operand	a &= b a = a & b
|=	Performs Bitwise OR on operands and assign value to left operand	a |= b a = a|b
^=	Performs Bitwise xOR on operands and assign value to left operand	a^=b a=a^b
>>=	Performs Bitwise right shift on operands and assign value to left operand	a >>= b a = a >> b
<<=	Performs Bitwise left shift on operands and assign value to left operand	a <<= b a = a << b