

→ Operators :

Arithmetic Operators :

Numeric Value Calc.

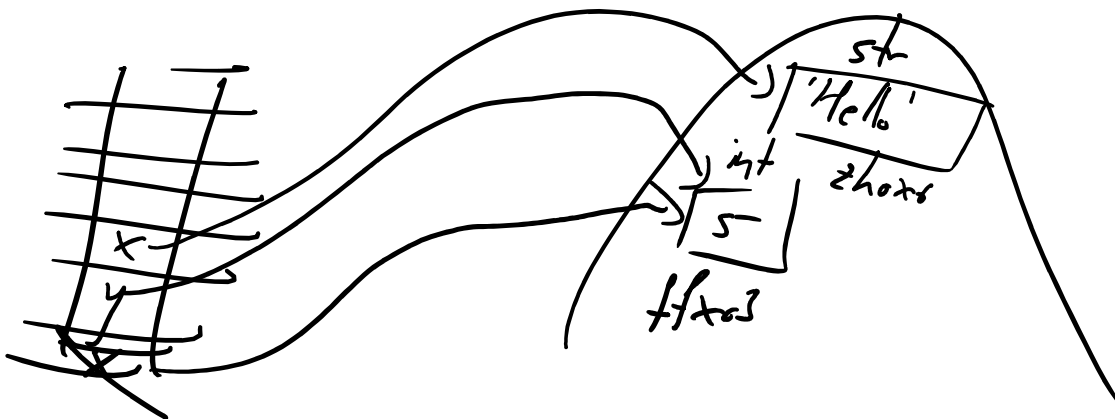
→ Add, Sub, Mul, Div, Mod, Exp

Floor Division.

→ Assignment Operators :

= ~ Assigning value to a variable.

→ Appending the arith op^r before assignment op^r



x = 5

→ Comparison Operators :

→ Comparison Operators:

$==$ Equal to

$!=$ Not equal to

$>$ Greater than

$<$ Less than

$>=$ Greater than or equal to

$<=$ Less than or equal to

→ Logical Operators:

$\&\&$ - and - Mult

$\|\|$ - or - Add

$!$ - not

→ $\frac{0}{1} / \frac{1}{0}$

0 1 0 0
1 0 1 0
0 1 1 0
1 1 1 1

0 0 1 0
0 1 1 1
1 0 1 1
1 1 1 1

→ Identity Operators:

is

is not

Membership Operators:

in

not in

→ Bitwise Operators:

AND $\&$

OR $|$

..

NOT \sim
left shift $<<$
11 1 01 ..

OR
XOR

Left shift
right shift

→ 5
8
3
1

0 1 0 1
0 0 1 1
1 0 0 0 1

AND

0 0
0 1
1 0
1 1

0
0
0
1

→ 5
1
3
7

0 1 0 1
0 0 1 1
1 0 1 1 1

0 0
0 1
1 0
1 1

0
1
1
1

→ XOR

0 0
0 1
1 0
1 1

0
1
1
0

5
1
3
6

0 1 0 1
0 0 1 1
0 1 1 0

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→ Control statements:

If ... if condition;

If

{ if condition ,
statement
elif condition :
statements
else :
statement