

Every object in Python has
a type, i.e. its data type.

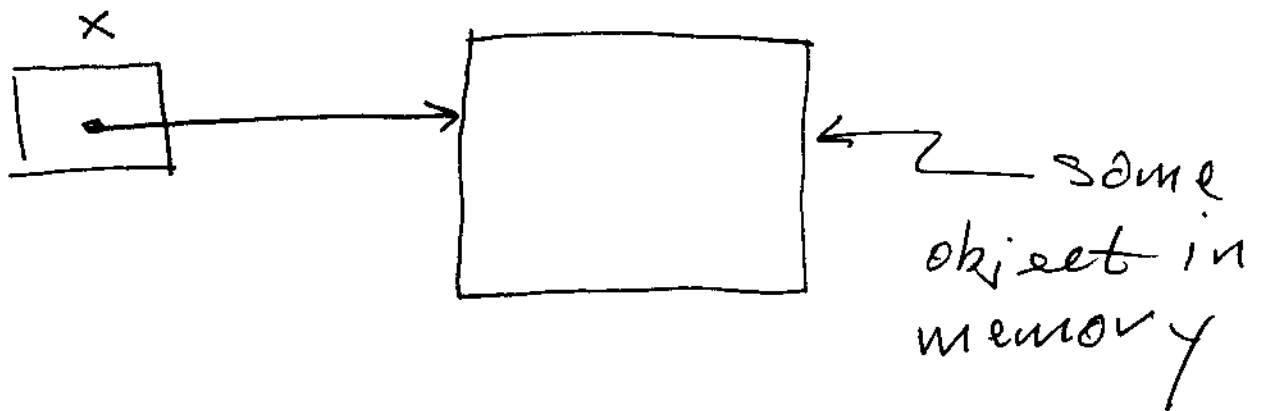
<u>types</u>	<u>OP</u> <u>+</u>	<u>ex.</u>
int	addition	2+3
float	addition	2.0+3.0
str	concatenation	'two'+'three'

Recall: factorial of n

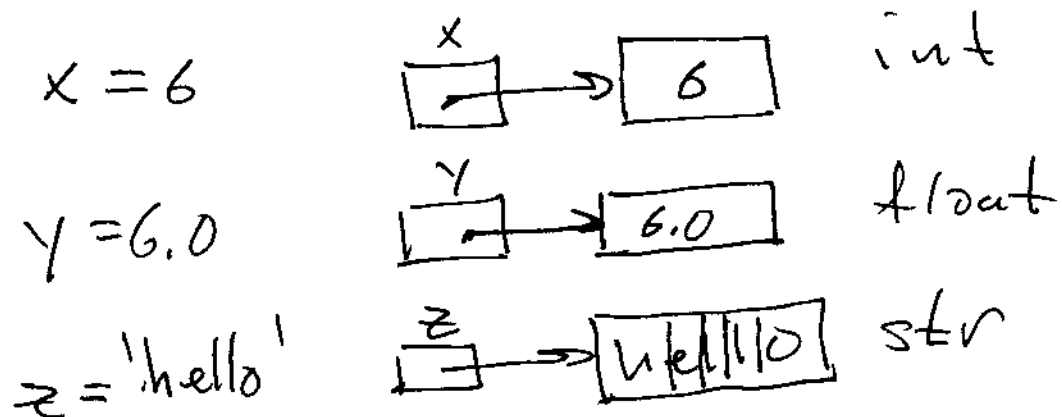
$$n! = 1 \cdot 2 \cdot 3 \cdots (n-2)(n-1)n$$

Variable:

A variable is a name for an area of memory storing a value.



Assignment Operator: =



Comments:

~~#~~ this is a comment

errors:

- Syntax errors: not understood
- runtime errors: can't be executed.
- logical errors: wrong output

Script mode

- HelloWorld.py