

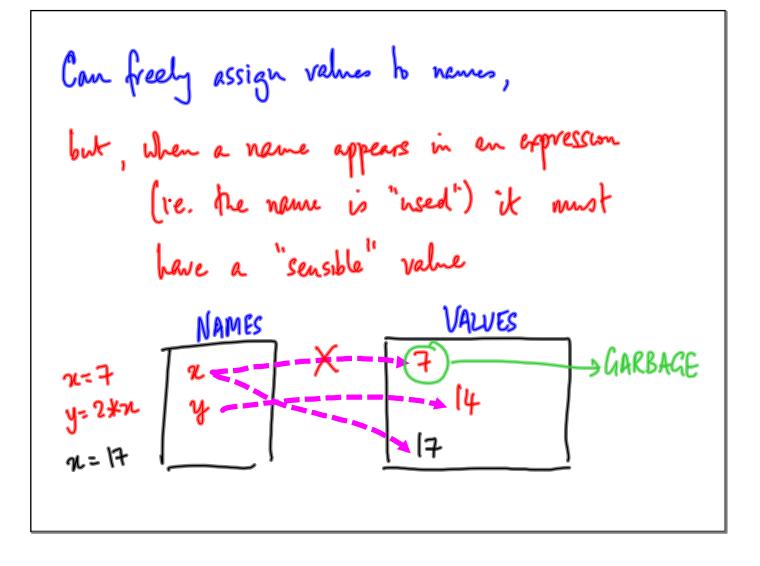
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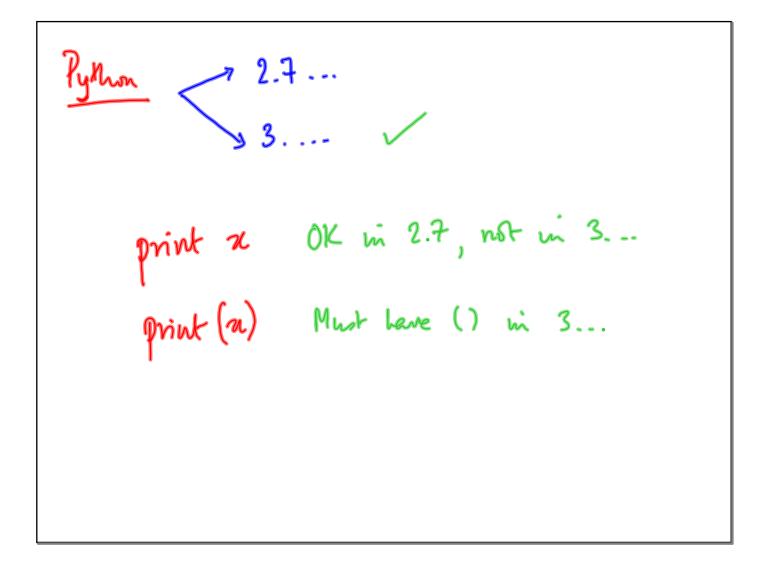
Basic step in an imperative brog languege
Assignment statement
Name
$$\leftarrow$$
 Value = an expression
 $6 \times 2 + 3$
In Python
 $y = 6 \times 2 + 3$ $n = 2 + 1$
Reassign to a its
anneut value + 1

TI.

In lython
Values have hypes
Names have no hype
Type of a name is derived from its value
$$\chi = 6$$

 $\vdots \chi = 2 \times n$
 $\chi = 2 \times n$ χ is not of the right type





Collectrie vehices
List Like Hashell
$$[6,7,4,3]$$

Unlike Hashell $[6,7.2, True, 3.5]$
 $[6, [2,12], 3.6]$
 $l = [6,7,7.5]$
Access elements by position $l[0], l[1], l[2]$