

$x = 3$

$y = x$

$y = y + 1$

$x = 3$

$y = 4$

$nums = [1, 2, 3]$

$num2 = nums$

~~$nums = [1, 2, 3]$~~

~~$num2 = [1, 2, 3]$~~

Variables don't hold objects, they hold references to objects.

$nums = [1, 2, 3]$

$num2 = nums$

$nums[1] = 0$



