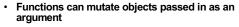
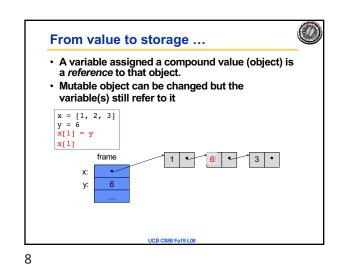


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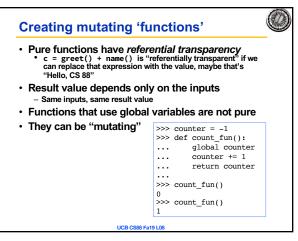


- Declaring a new variable with the same name as an argument only exists within the scope of our function
- BUT, we can still modify the object passed in, even though it was created in some other frame or environment.
- Python Tutor



Copies, 'is' and '==' >>> alist = [1, 2, 3, 4] >>> alist == [1, 2, 3, 4] # Equal values? True >>> alist is [1, 2, 3, 4] # same object? False >>> blist = alist
>>> alist is blist # assignment refers # to same object True >>> blist = list(alist) # type constructors copy >>> blist is alist False >>> blist = alist[:] # so does slicing >>> blist is alist False >>> blist [1, 2, 3, 4] >>> UCB CS88 Fa19 L08





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