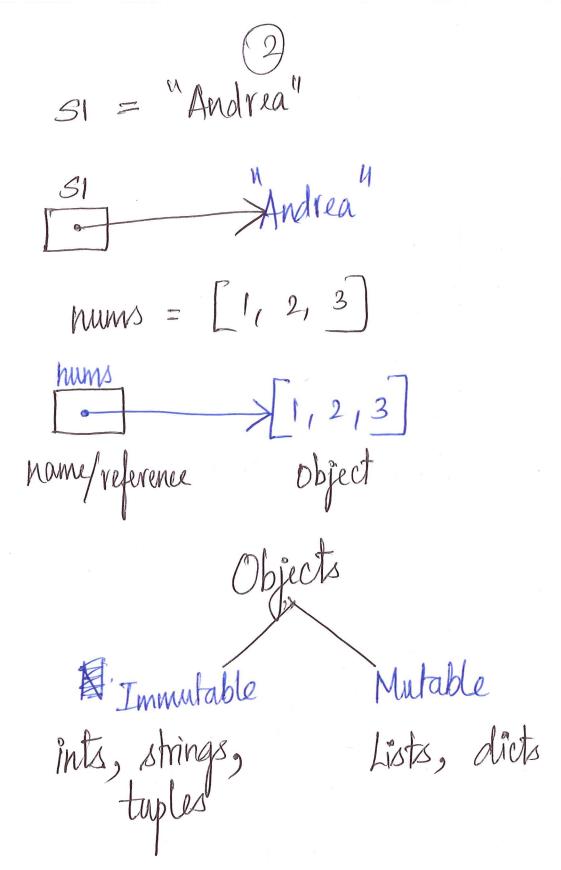
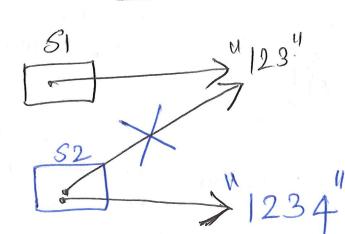
	CS 301-	Lecture 15	
Topics			
10010	Objects		
2 .	Références		
	Objects References Copying		. /
Read world: Things Names			
	Things	Names	
Programming		Names	
name object			
Mental A	nodel (VI)	(V2)	
10		(reference)	→(D



Immutable objects.

$$52 = 51$$

State

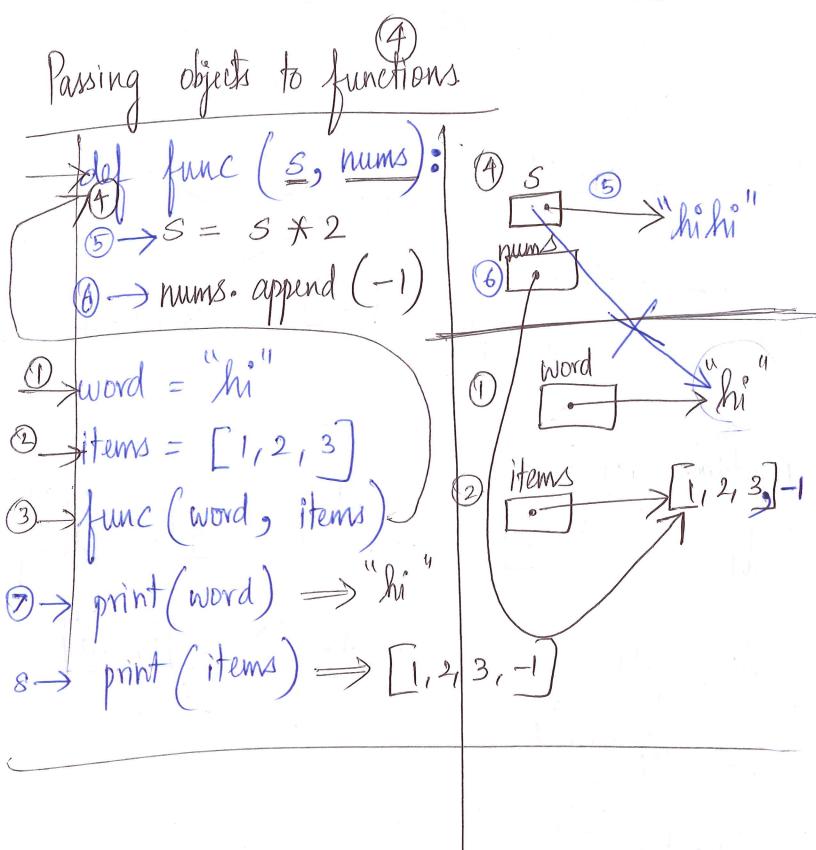


Mutable objects

$$\mathcal{L}_{1} = \left[1, 2, 3\right]$$

print
$$(l_1)$$
 \Longrightarrow $[2,3,4]$
print (l_2) \Longrightarrow $[2,3,4]$

$$\begin{bmatrix} 2 & 3 & 4 \\ 2 & 3 & 4 \end{bmatrix}$$



is operator
$$w = [1]$$

$$x = [2]$$

$$y = [3]$$

$$z = y$$

$$w = = x$$

$$y = = x$$

$$x = y$$

