

# Initial Heap Tracing Examples

March 18, 2022  
Code is at bottom of 5 + his day's code

when 2 becomes 17, the  
whole list is not changed  
only that entry

#1

Scratch	Stack	Heap
	<u>main</u>	
	lst	→ [5, <sup>17</sup> <del>2</del> , 3, -10]
	mst	
	newlst	→ [ <del>5</del> , 2, <del>3</del> , 94]
	item = <del>5</del> 3	

keep up with  
loop variable →

Note: When appending  
to a list, it is ok

Printed Output

[5, 17, 3, -10]

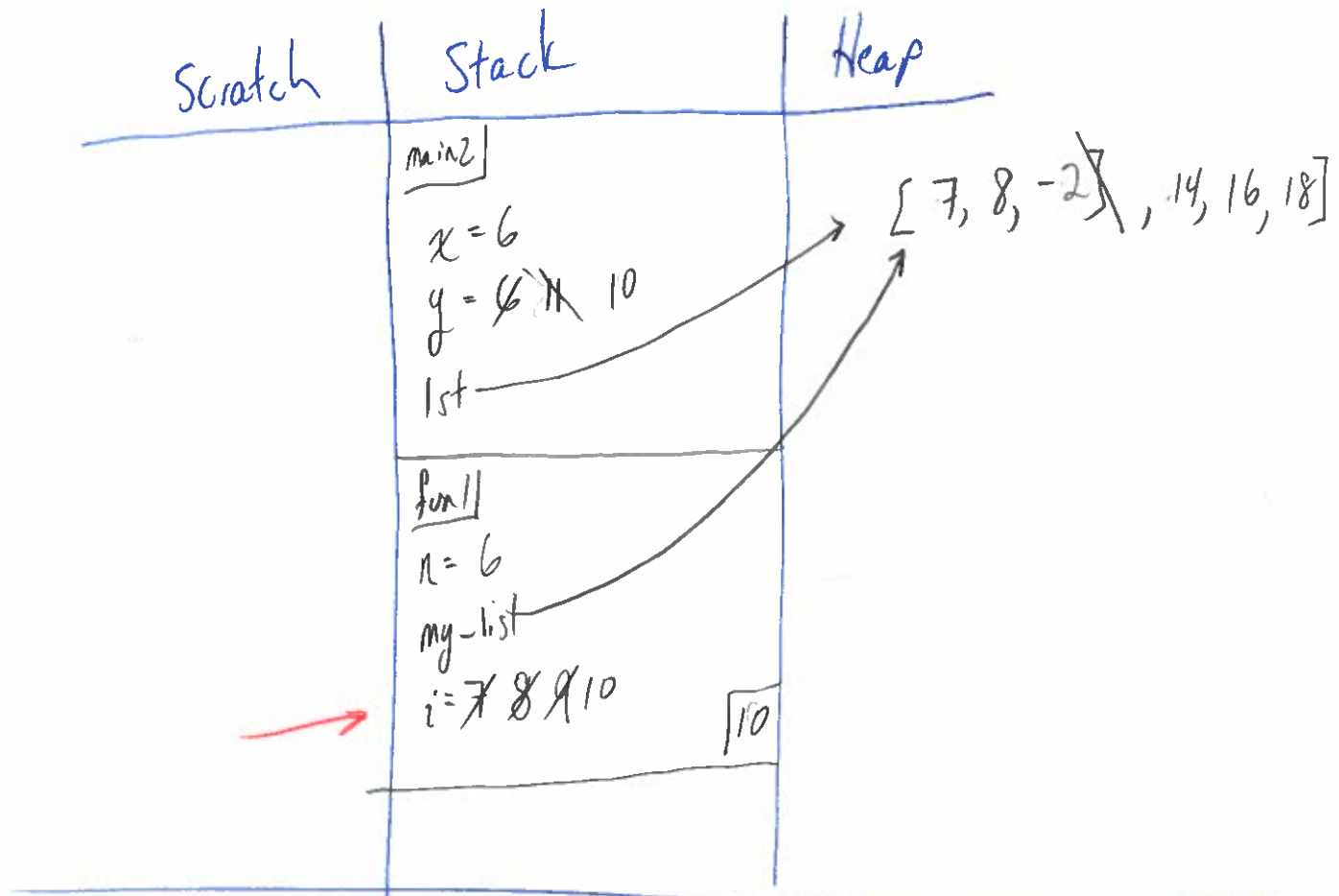
[5, 17, 3, -10]

[5, 2, 3, 94]

to leave off closing  
bracket until you  
are done

[5, 2, 3, 94]

# 2



Printed Output

6

10

[7, 8, -2, 14, 16, 18]