

# CSC148 Worksheet 15 Solution

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## Question 1

a. According to docstring, *flatten*(*[[0, -1], -2, [[-3, [-5], -7]]]*) should return

$[0, -1, -2, -3, -5, -7]$

b.

sublist	flatten(sublist)	Value of s at the end of the iteration
N/A	N/A	$\square$ (initial value of a)
[0,-1]	[0,-1]	
2	2	
[[ -3, [-5], -7]]	[-3,-5,-7]	

### Correct Solution:

sublist	flatten(sublist)	Value of s at the end of the iteration
N/A	N/A	$\square$ (initial value of a)
[0,-1]	[0,-1]	
2	[2]	
[[ -3, [-5], -7]]	[-3,-5,-7]	

## Question 2

## Question 3