

## Lab 4: Tasks 1 and 2

### Task 1

1)

x	lc
2	[4,
3	[4, 9,
5	[4, 9, 25]

2) 38 (because  $4 + 9 + 25 = 38$ )

3) The function computes the sum of the squares of the numbers in the list vals.

### Task 2

1)

x	lc
-2	[[4, -2],
1	[[4, -2], [1, 1],
-4	[[4, -2], [1, 1], [16, -4],
3	[[4, -2], [1, 1], [16, -4], [9, 3]]

2) [16, -4]

3) -4

4) It returns the integer from the input list that has the largest square.