

Finger Exercises Lecture 12

The questions below are due on Monday October 24, 2022; 03:00:00 PM.

1) Question 1 of 1

Implement the function that meets the specification below.:

```
def count_sqrts(nums_list):
    """
    nums_list: a list
    Assumes that nums_list only contains positive numbers and that there are no duplicates.
    Returns how many elements in nums_list are exact squares of elements in the same list, including
    """
    # Your code here

# Examples:
print(count_sqrts([3,4,2,1,9,25])) # prints 3

1 | # your function here
```

You have infinitely many submissions remaining.

Here is the solution we wrote:

```
def count_sqrts(nums_list):
    cnt = 0
    for i in nums_list:
        if i*i in nums_list:
            cnt += 1
    return cnt
```

MIT OpenCourseWare
<https://ocw.mit.edu>

6.100L Introduction to CS and Programming Using Python
Fall 2022

For information about citing these materials or our Terms of Use, visit: <https://ocw.mit.edu/terms>