

# Finger Exercises Lecture 11

The questions below are due on Wednesday October 19, 2022; 03:00:00 PM.

## 1) Question 1 of 1

Implement the function that meets the specification below.:

```
def remove_and_sort(Lin, k):
    """ Lin is a list of ints
        k is an int >= 0
        Mutates Lin to remove the first k elements in Lin and
        then sorts the remaining elements in ascending order.
        If you run out of items to remove, Lin is mutated to an empty list.
        Does not return anything.
    """
    # Your code here

# Examples:
L = [1,6,3]
k = 1
remove_and_sort(L, k)
print(L)  # prints the list [3, 6]
```

```
1  # your function here
    def remove_and_sort(Lin, k):
        """ Lin is a list of ints
            k is an int >= 0
            Mutates Lin to remove the first k elements in Lin and
            then sorts the remaining elements in ascending order.
            If you run out of items to remove, Lin is mutated to an empty list.
            Does not return anything.
        """
        if k >= len(Lin):
            Lin.clear()
        else:
            while k != 0:
                del(Lin[0])
                k -= 1
            Lin.sort()
```

You have infinitely many submissions remaining.

Here is the solution we wrote:

```
def remove_and_sort(Lin, k):
    if len(Lin) <= k:
        Lin.clear()
        return
    for i in range(k):
        del(Lin[0])
    Lin.sort()
```

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