Exercise 1: Write a program that checks if a list is empty or not. Use the len() function!

Example 1:
my_lst = []

Output:
This list is empty!

Example 2:
my_lst = [6,6,3,2,4,5,5]

Output:
This list is not empty!

Exercise 2: Write a program that reorders a list and removes the largest and smallest number from it.

Example 1:
my_lst = [6,2,7,4,3]

Output:
The new list is: [3,4,6]

Example 2:
my_lst = [6,6,3,2,4,5,5]

Output:
The new list is: [3,4,5,5,6]

Exercise 3: Write a program that converts a list (size of 5) of characters into a string.

Example 1:
my_lst = ['h', 'e', 'l', 'l', 'o']

Output:
The string is: hello

Example 2:
my_lst = ['h', 'e', 'y']

Output:
This list doesn't have the right size

Exercise 4.1: Someone called Frank has a list containing how many days he was sick each quarter of a year. So the first element of the list dictates how many days he was sick in the first quarter of the year. Frank usually has dance lessons every day, but when he is sick he doesn't go. Write a program that shows how many days Frank went dancing last year.

Example 1:
sick_days = [10, 4, 5, 19]

Output:
Frank was sick for 38 days.
He went dancing for 327 days

Example 2:
sick_days = [0, 4, 1, -1]

Output:
Frank can't be sick for -1 days!

Exercise 4.2: Frank now has danced for another year, making another list. He wants to check in which quarter of the last two years he got sick the most. Write a program that turns the two lists into one list of length 8 and then check which quarter he was sick the most often.

Example 1:
sick_days_1 = [10, 4, 5, 19]
sick_days_2 = [7, 8, 2, 12]

Output:
The full list of frank's sick days is: [10, 4, 5, 19, 7, 8, 2, 12].
Frank was sick the most in quarter 4 of the first year.

Example 2:
sick_days_1 = [0, 4, 1, 2]
sick_days_1 = [3, 4, 0, 0]

Output:
The full list of frank's sick days is: [0, 4, 1, 2, 3, 4, 0, 0].
Frank was sick the most in quarter 6 of the second year.

OR
Ouput:
The full list of frank's sick days is: [0, 4, 1, 2, 3, 4, 0, 0].
Frank was sick the most in quarter 2 of the first year.