

Python list homework assignment

Assume we have a list of values: `list1 = [19, 23, 18, 29]`.

Write the program that:

- 1) prompts the user for another integer number,
- 2) adds this number to the list 'list1',
- 3) displays the updated list 'list1',
- 4) finds the sum of all the numbers in the modified list (use a built-in method `sum()`), and
- 5) displays the result (use the 'print' method).

Note that a part of the program is already present.

Don't forget to replace question marks(???) with the right method names/variables names.

```
list1 = [19, 23, 18, 29]
x = int(???) # get the input from the user
list1.??? # append the value of x to the list
print(???) # display the list 'list1'
#find the sum of all the elements
sumOfAllElements = sum(???)

# display the result
print("The sum of all elements of the list", list1, "is", ???)
```

