

Course
&
Test Series

Self-Made Assignment - Python

Pass by Value and Reference in Python

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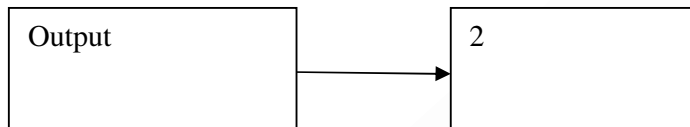
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Ques 1:- Count in Mixed List: Count occurrences of "5" (string) in [5, "5", 5.0, "5", 5].

Instructions

1. Define a function count_occurrences(lst, value) that takes two parameters:
2. lst: a list (which may contain integers, floats, strings, etc.).
3. value: the value whose occurrences you want to count in lst.
4. Inside the function, use lst.count(value) to count how many times value appears in lst.
5. Print the resulting count.
6. In your main program:
7. Create the list: my_list = [5, "5", 5.0, "5", 5]
8. Choose value = "5" (the string "5", not the integer).
9. Call: count_occurrences(my_list, "5")



Ques 2:- Write a Python program define a function called count_occurrences(lst, value) which accepts:

Instructions

1. lst: a list of elements (these may be integers, floats, strings, etc.).
2. value: the item whose occurrences you want to count in lst.
3. Inside the function, use the built-in list method .count() to find how many times value appears in lst, and then print the result.
4. In the main part of your program:
5. Prompt the user to enter a list of numbers separated by spaces.
6. Convert the user-entered input into a Python list of integers.
7. Prompt the user to enter a single number (integer) whose occurrences you wish to count in the list.
8. Call count_occurrences with the list and the user-entered value.
9. When the program runs, it should print how many times that value occurs in the list.

