



Question - 1

[ARRAY] Sum Values In Array

INPUT:

- 2 arrays of integers

OUTPUT:

- The sum of all integers in the first array
- The sum of all integers in the second array

EXAMPLE 1:

[4,3,5,6,2]

[5, 6]

20

11

Explanation :

$4+3+5+6+2 = 20$

$5 + 6 = 11$

FUNCTIONS TO CODE AND USE:

Function name	sum
Parameters	array of number
Return value	The sum of the numbers from the given array
Example	sum ([4, 3]) --> 7

Question - 2

[ARRAY] Number of Times 8 Appears in Array

INPUT:

- Enter array of integers into the console

****array is not given, you have to code it using eval(input())*

OUTPUT:

- An integer: the count of the number of times, 8 appears in an array and 'NOT FOUND' if not found.

****Notes:*

1/ You are not allowed to print inside a function

2/ Function must returns an integer value (must not return string)

Example 1:

[4,7,6,5,8]

1

Example 2:
[3,4,3,1]
-1

FUNCTION:

Function name	numberOfEight
Parameters	array (an array)
Return value	The number of times 7 appears in the array (a number)
Examples	numberOfSevens ([5, 7, 7, 11]) --> 2

Question - 3

[ARRAY] Find Item in Array at given index

INPUT:

- An **array** of string
- A integer (a index)

OUTPUT:

- The value in the array at given index

EXAMPLE 1:

['ronan', 'rady', 'PNC']

1

Explanation : rady is positioned at index 1 counting from the left

Question - 4

[ARRAY] Count Even and Odd Numbers In Array

INPUT:

- An **array** of integers

OUTPUT:

- The number of even and odd numbers as follows :

EVEN: <number of even numbers>

ODD: <number of odd numbers>

Note : be carreful there is a space before the number !

EXAMPLE 1:

[3,5,1,9,7,2,0]

EVEN: 2

ODD: 5

Explanation :

There are 2 even numbers (2 & 0)

There are 5 odd numbers (3,5,1,9,7)

FUNCTIONS TO CODE AND USE :

You need to code and use the following 2 functions

Function name	countEven
Parameters	array (an array)
Return value	the count of even (integer)
Examples	countEven([5, 7, 1, 11]) --> 0

Function name	countOdd
Parameters	array (an array)
Return value	the count of odd (integer)
Examples	countOdd([5, 7, 1, 11]) --> 4