

C++ Advanced - Exam (18 June 2022)

The following tasks should be submitted to the SoftUni Judge system.

Only source code will be accepted as solution for each task.

2. Sum of Odds

Write a program that reads an **integer number**, used for the dimensions of a matrix, and a **sequence of numbers** (the elements of the matrix) and prints the **sum of all odd numbers on a non-diagonal position**.

Example

5

6 9 8 3 7

9 0 3 8 9

1 5 5 4 6

0 4 2 4 5

8 2 7 8 9

The sum is: 51

Input

- On the **first line**, you are given the integer **N** - **number of rows and columns** of the matrix [**3...6**]
- On the **second line**, you are given a sequence of elements - integer **numbers** [**N*N numbers**]

Output

- Print "The sum is: {sum}".

Example Input and Output

Input	Output	Comments
3 1 3 5 2 4 6 8 9 7	The sum is: 12	Number of rows and columns: 3 The matrix is: 1 3 5 * 3 * 2 4 6 -> 2 * 6 8 9 7 * 9 * If the number is at non-diagonal position and is odd, add to the sum. sum = 3 + 9 = 12
4 4 65 32 6 1 8 9 0 5 16 15 1 6 13 16	The sum is: 85	

133		
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