# C++ Fundamentals Exam

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

# 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**}".

### Examples

|  |  |  |
| --- | --- | --- |
| **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 16 133 | The sum is: 85 |  |