



Coding Challenge #13 (Question)

Tyler had a list of elements with him and he needs a C developer to extract the even numbers from that list and know the sum of all those even numbers. Write an application program according to Tyler's requirements.

INPUT FORMAT:

1. 1st line of input takes the size of list of elements(n)
2. 2nd line of input takes the elements for the list.

OUTPUT FORMAT:

Application should extract the even numbers from the list and put the total sum as output to Tyler.

SAMPLE INPUT 0:

6
1 2 4 6 8 9

SAMPLE OUTPUT 0:

20

EXPLANATION:

Even numbers in the list are 2,4,6,8
Sum of them = $2+4+6+8=20$

SAMPLE INPUT 1:

10
12 2 3 21 24 25 27 23 5 7

SAMPLE OUTPUT 1:

38

EXPLANATION:

Even numbers in the list are 12,2,24
Sum of them = $12+2+24=38$



Coding Challenge #14 (Question)

User wants to list out all the Armstrong numbers in the interval given. Develop an application program to print the Armstrong numbers between the given interval.

ARMSTRONG NUMBER: If the sum of cubes of each digit is equal to the number itself, then it is said to be an Armstrong number.

E,g 153 is an Armstrong number as $1^3 + 5^3 + 3^3 = 153$, the number itself.

INPUT FORMAT:

User must give the intervals for finding the Armstrong numbers in between.

OUTPUT FORMAT:

Print all the Armstrong numbers between x and y

SAMPLE INPUT 0:

100 200

SAMPLE OUTPUT 0:

153

SAMPLE INPUT 1:

10 500

SAMPLE OUTPUT:

153 370 371 407