

## Problem A. 73306.palindrome

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

You have a four-digit number. Your task is to find if this number is a palindrome or not.

A palindrome is a word, number, or other sequence of characters which reads the same backward as forward.

### Input

You have a four-digit number.

### Output

If this number is a palindrome, output "YES"; otherwise, output "NO".

### Examples

standard input	standard output
1212	NO
1221	YES

## Problem B. 73411.Even numbers

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

Write a program that finds the number of even elements in an array.

### Input

The first line specifies one number N, not exceeding 1000 - the size of the array.

In the second line, N are entered - array elements.

### Output

Output one number - how many even in the array.

### Examples

standard input	standard output
5 1 2 3 4 5	2
6 1 2 3 4 5 6	3
5 0 0 0 0 0	5

## Problem C. 73449.seven

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

You have array of n elements output the sum of elements which index number divides into seven  
Indexing of the array begins with 1

### Input

You have array size between 1 and 100

### Output

Output the sum of elements which index number divides into seven

### Examples

standard input	standard output
7 1 2 3 4 5 6 7	7
10 1 2 3 4 5 6 7 8 9 10	7

## Problem D. 73588.hole number

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

You have array of elements you should output the sum of numbers with holes And you have numbers between only 0 and 9

Numbers with holes: 0,4,6,8,9;

### Input

You have n - amount of numbers in array,then you have n numbers, every number between 0 and 9  
( $1 \leq n \leq 100$ ).

### Output

You should output the sum of numbers with holes

### Examples

standard input	standard output
5 2 4 5 7 6	10
6 0 4 6 8 9 6	33

## Problem E. 73490.bear

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Azamat and Dauren put their money in the bank for a deposit. Each year, Azamat money grows three times, and Dauren twice.

### Input

In a single line there are two integers a and b ( $1 \leq a \leq b \leq 10$ ) - the money of Azamat and Dauren, respectively.

### Output

Output one integer - after how many years will Azamat have more money than Dauren

### Examples

standard input	standard output
4 9	3
4 7	2
2 3	2
5 9	2

### Note

It is guaranteed that Azamat's money is less or equal to Dauren's money.

## Problem F. 73067. Mass problem

Input file:            standard input  
Output file:           standard output  
Time limit:           1 second  
Memory limit:         256 megabytes

Three fat men decided to argue: which of them is the heaviest. After weighing, it turned out that their mass, respectively, M1, M2 and M3 kilograms. According to the rules to be called the mass should be at least 99 and not more than 699 kilograms.

Help to determine the weight of the heaviest of them, or find out that there was an error in the weighing.

### Input

Input line contains three integer numbers M1, M2, M3 - masses of men.

### Output

In the output file output the weight of the heaviest fat man in case of correct weighing, or the word "Error" otherwise.

### Examples

standard input	standard output
1 2 3	Error
189 176 159	189

## Problem G. 73535.dozen

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

Determine how many number of tens in the number N. Guaranteed that  $0 < n < 1000$ .

### Input

In one line, you are given number N.

### Output

Output the number of tens

### Examples

standard input	standard output
124	12
885	88
12	1

## Problem H. 73086. Negative number

Input file:            standard input  
Output file:          standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

Write a program that will ask you to enter positive numbers. The program will terminate when it meets a negative number.

### Input

Input line contains positive integer numbers.

### Output

Print out the amount of positive integers.

### Examples

standard input	standard output
1 2 3 4 5 -6	5
1 2 3 4 5 6 7 8 9 -6	9



## Problem I. 73278.Even elements

Input file:            standard input  
Output file:           standard output  
Time limit:           1 second  
Memory limit:         256 megabytes

You are given an array  $a$ . Print the element of the array if the index of the element is even. (indices starts from 0)

### Input

The first line of the input contains an integer  $N$  ( $1 \leq N \leq 100000$ ) the size of the array. The second line of the input contains  $N$  integers  $a_i$  ( $1 \leq a_i \leq 100000$ ).

### Output

Print the answer.

### Examples

standard input	standard output
5 4 2 3 5 1	4 3 1
8 2 4 1 2 4 5 6 2	2 1 4 6

## Problem J. 73251.Letters

Input file:           standard input  
Output file:         standard output  
Time limit:          1 second  
Memory limit:       256 megabytes

You are given 5 capital letters. The task is to print them in reverse order without spaces.

### Input

5 capital letters without spaces

### Output

Print these 5 letters in reverse order.

### Examples

standard input	standard output
WLFPB	BPFLW
CBPPZ	ZPPBC
QOKAL	LAKOQ

## Problem K. 73281.Primes

Input file:            standard input  
Output file:           standard output  
Time limit:           1 second  
Memory limit:        256 megabytes

You are given an array  $a$ . Find the number of primes in the array.

### Input

The first line of the input contains an integer  $N$  ( $1 \leq N \leq 100000$ ) the size of the array. The second line of the input contains  $N$  integers  $a_i$  ( $1 \leq a_i \leq 100000$ ).

### Output

Print the answer.

### Examples

standard input	standard output
5 2 3 5 6 4	3
3 1 2 3	2