

Question 1:

Read 3 numbers from stdin and print their sum to stdout.

Input Format

One line that contains 3 space-separated integers: a, b, and c.

Constraints

- $1 \leq a, b, c \leq 1000$

Output Format

Print the sum of the three numbers on a single line.

Sample Input

1 2 7

Sample Output

10

Explanation

The sum of the three numbers is $1+2+7=10$.

Question 2:

Given a 2D array $A[][]$ of size $N * N$ consisting of integers.

The task is to print all the elements in matrix (row and column order) form.

Question 3:

You are given a number n.

You need to find the digital root of n.

DigitalRoot of a number is the recursive sum of its digits until we get a single digit number.

Example:

Input:

N= 99999

Output:9

Explanation: Sum of digits of 99999 is 45 which is not a single digit number, hence sum of digit of 45 is 9 which is a single digit number.

Question 4:

The function takes two strings as arguments (s, x) and locates the occurrence of the string x in the string s. The function returns an integer denoting the first occurrence of the string x in s (0 based indexing).