

Three sides **A**, **B** and **C** will be given . Return **True** if triangle is valid otherwise **False**.

Note : Use Function.

#### Input Format

Given three sides of triangle **A**,**B** and **C**.

#### Constraints

```
1 <= A < 100
1 <= B < 100
1 <= C < 100
```

#### Output Format

Print **true** if triangle is valid otherwise **false**.

#### Sample Input 0

```
7
10
5
```

#### Sample Output 0

```
true
```

#### Explanation 0

7+10>5 So,triangle is possible

A B C .

triangle = true

.

false

A = 7

B = 10

C = 5

7 + 10 > 5

## Submitted Code

Language: java 15

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int a = sc.nextInt();
9         int b = sc.nextInt();
10        int c = sc.nextInt();
11        System.out.print(triangle(a,b,c));
12    }
13    public static boolean triangle(int a , int b , int c){
14        if(a+b<c)return false;
15        else if (b+c<a) return false;
16        else if(c+a<b)return false;
17        else return true;
18    }
19 }
```

A beginner programmer named Sarah was tasked to write a program to print the **quotient** and **remainder** of two given integers **a** and **b**. Sarah took the input values of **a** and **b** from the user and used the division and modulus operator to compute the **quotient** and **remainder**. She then printed the values in the required format with a space separator. Through this task, Sarah learned how to use basic arithmetic operators to perform mathematical computations and print output in the required format.

Note : Use Function.

#### Input Format

Take **a** and **b** as an input integer.

#### Constraints

$1 < a, b < 1000$

#### Output Format

Quotient and remainder separated by space

#### Sample Input 0

7 2

#### Sample Output 0

3 1

#### Explanation 0

7 is divided by 2, so the quotient is 3 and the remainder is 1.

a b

a = 7 ✓

b = 2 ✓

$7/2 = 3$

1

## Submitted Code

Language: Java 15

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int a = sc.nextInt();
9         int b = sc.nextInt();
10
11         modRem(a,b);
12     }
13     public static void modRem(int a , int b){
14         System.out.print(a/b+" ");
15         System.out.print(a%b+" ");
16     }
17 }
18 }
```

Take **n** as an integer input. Then take **n** digits as integer inputs and form a number from it and print that number as an integer output.

### Input Format

For each test case, **n** will be given as an integer input in the first line,  
then **n** digits will be given as integer inputs in each line.

### Constraints

```
1 <= n <= 2^3
0 <= digits as integer inputs <= 9
```

### Output Format

Print the final number as an integer output.

### Sample Input 0

```
4
1
2
3
6
```

### Sample Output 0

```
1236
```

### Submitted Code

Language: Java 15

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5     static Scanner sc = new Scanner(System.in);
6     public static void main(String[] args) {
7         //Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9         int result = xyzw(n);
10        System.out.print(result);
11    }
12    public static int xyzw(int n){
13        int ans = 0;
14        for(int i=0;i<n;i++){
15            int num = sc.nextInt();
16            ans = (ans * 10)+num;
17        }
18        return ans;
19    }
20 }
```

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