



Problem 01

You are given two integer **x** and **y**. Now you have to find the average of this two integer. **Implement this by using pointers.**

Sample Input:

13 2

Sample Output:

7.500



Problem 02

In Bubble sort we compares two adjacent elements and swaps them until they are in the intended order. You have given positive integer N, the size of an array as input. Take an array of size **N** as input and sort this array by using Bubble sort. **You must make a function for swapping numbers by using pass by reference.**

Sample Input:

5

4 3 8 2 6

Sample Output:

2 3 4 6 8



Problem 03

You have given positive integer N , the size of an array as input. Take an array of size N as input. Now your task to print this array. **Implement this by using pointers.**

Sample Input:

5
1 2 3 4 5

Sample Output:

1 2 3 4 5



Problem 04

You are given an **R**, the radius of a circle. Now your task to find the area of that circles. **Implement this by using function.**

Sample Input:

5

Sample Output:

78.540001



Problem 05

You have given positive integer N , the size of an array as input. Take an array of size N as input. You have to find the sum of those element in array which last digit is zero. **Implement this by using function.**

Note - It is guaranteed that each element of an array is at least 2 digit number.

Sample Input:

5

110 24 50 35 40

Sample Output:

200



Problem 06

We give you a string. In string, every character have decimal value. If the decimal value of character is even then make the character in uppercase. **Implement this by using function.**

Note - It is guaranteed that input string is always in lowercase.

Sample Input:

programming

Sample Output:

PRogRammiNg

Codeforces Problem Link –

- 1) <https://codeforces.com/problemset/problem/1734/A>
- 2) <https://codeforces.com/problemset/problem/1553/A>
- 3) <https://codeforces.com/problemset/problem/1681/B>