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Chess Rating	https://www.codechef.com/submit-v2/C_RATING
A or B	https://www.codechef.com/submit-v2/AORB
Math1 Enrolment	https://www.codechef.com/submit/M1ENROL
High Accuracy	https://www.codechef.com/submit/ACCURACY
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Counting pretty numbers	https://www.codechef.com/submit-v2/NUM239
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Compress the video	https://www.codechef.com/submit-v2/COMPRESSVD
Devu and friendship testing	https://www.codechef.com/submit-v2/CFRTEST
That Is My Score!	https://www.codechef.com/submit-v2/WATSCORE
The Great Run	https://www.codechef.com/submit-v2/PROC18A
Chef and Dolls	https://www.codechef.com/submit/MISSP
Devu and friendship testing	https://www.codechef.com/submit/CFRTEST
That is my score	https://www.codechef.com/submit/WATSCORE
The Great Run	https://www.codechef.com/submit/PROC18A
A Problem on Sticks	https://www.codechef.com/submit/TREE2
Broken Telephone	https://www.codechef.com/submit/BROKPHON
ICPC Balloons	https://www.codechef.com/submit/BALLOON
Chef and digits of a number	https://www.codechef.com/submit/LONGSEQ
Making a Meal	https://www.codechef.com/submit/CFMM
Version Control System	https://www.codechef.com/submit/VCS
A Subtask Problem	https://www.codechef.com/submit/SUBTASK
Coronavirus Spread	https://www.codechef.com/submit/COVID19

Mode of Frequencies	https://www.codechef.com/submit/MODEFREQ
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Sort the String	https://www.codechef.com/submit/SRTARR?tab=statement
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Processing a string	https://www.codechef.com/submit/KOL15A
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Distinct Codes	https://www.codechef.com/submit/DISTCODE

Subanagrams	https://www.codechef.com/submit/SUBANAGR
Chef and String	https://www.codechef.com/submit/RECNDSTR
Distinct Codes	https://www.codechef.com/submit/DISTCODE
Palindromic substrings	https://www.codechef.com/submit/STRPALIN?tab=statement
Closest Vowels	https://www.codechef.com/submit/CLOSEVOWEL?tab=statement
Code Crazy Minions	https://www.codechef.com/submit/NOCODING

Level - 0**1. Adding Two Numbers**

Write a program to add two integer numbers

Input Format:

First Line contain single integer m

Second line contain single integer n

Output Format:

Print sum of both the integers m and n

Sample Input:

5

10

Sample Output:

15

2. Adding Three Numbers

Write a program to add three integer numbers

Input Format:

First Line contain single integer m

Second line contain single integer n

Third line contain single integer k

Output Format:

Print sum of both the integers m, n and k

Sample Input:

5

10

5

Sample Output:

20

3. Sum of combination of three numbers

Write a program to print all sum combination of three numbers by taking two numbers at a time

Input Format:

First Line contain single integer m

Second line contain single integer n

Third line contain single integer k

Output Format:

Print all sum combination of three numbers

Sample Input:

2

4

6

Sample Output:

6

8

10

Explanation:

$$2 + 4 = 6$$

$$2 + 6 = 8$$

$$4 + 6 = 10$$

4. Celcius to Farenheit

Write a program to convert celsius to fahrenheit

Formula : $\text{fahrenheit} = ((\text{celsius} * 9) / 5) + 32$

Input Format:

First Line contain single integer m

Output Format:

Print the value after converting celsius to fahrenheit

Sample Input:

12

Sample Output:

53.6

5. Farenheit to Celcius

Write a program to convert celsius to fahrenheit

Formula : $\text{Celsius} = ((\text{Fahrenheit} - 32) * 5) / 9;$

Input Format:

First Line contain single integer m

Output Format:

Print the value after converting fahrenheit to celsius, the result should restrict to 4 decimal places

Sample Input:

56

Sample Output:

13.0000

6. Perimeter Of a Square

write a program to find the perimeter of the square

Formula: $\text{Perimeter} = 4 * \text{side}$

Input Format:

First line contains an Integer, side of a square

Output Format:

Gives perimeter of the square

Sample Input:

6

Sample Output:

24

7. Circle Area

Write a program to find the area of the circle.

Formula: $\text{area} = \pi * r * r$

Consider $\pi = 3.142$

Input Format:

First line contains an Integer, radius of a circle

Output Format:

Give the area of the circle.

The area of the circle should have four decimal places only.

Sample Input:

18

Sample Output:

1018.0080

8. Total Surface Area Of Cylinder

Write a program to calculate total surface area of a cylinder

Formula: $2 * \pi * r * (r + h)$

Input Format:

First line contains an Integer, radius of a cylinder

Second line contains an Integer, height of a cylinder

Output Format:

Give the area of the cylinder.

The area of the cylinder should have four decimal places only.

Sample Input:

7

13

Sample Output:

879.7600

9. Perimeter Of a Rectangle

write a program to find the perimeter of the rectangle

Formula: $\text{area} = \text{length} * \text{width}$

Input Format:

First line contains an Integer, length of a rectangle

Second line contains an Integer, represents width of a rectangle

Output Format:

Gives perimeter of the rectangle

Sample Input:

2

4

Sample Output:

12

10. Convert Dollars to Rupees

Write a program to convert Dollars to rupees

Input Format:

First line contains single integer representing dollar

Output Format:

Print result after converting dollar to rupees

Sample Input:

1000

Sample Output:

61060.0

Level - 0 (If Else)**1. Even or Odd**

Check if a given number is even number or odd number

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is even number, else No

Sample Input:

12

Sample Output:

Yes

2. Multiple Of 5

Determine whether the given number is multiple of 5 or not

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is multiple of 5, else No

Sample Input:

24

Sample Output:

No

3. Multiple Of 10

Determine whether the given number is multiple of 10 or not

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is multiple of 10, else No

Sample Input:

50

Sample Output:

Yes

4. Multiple Of 5 and 3

Write a program to check whether the number is multiple of both 5 and 3.

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is multiple of 5 and 3, else No

Sample Input:

15

Sample Output:

Yes

5. Multiple Of 5, 3 and 7

Write a program to check whether the number is multiple of 5, 3 and 7.

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is multiple of 5, 3 and 7, else No

Sample Input:

14

Sample Output:

No

6. Two Digit Number Or Not

Write a program to check whether the given number is two digit number or not

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is two digit number, else No

Sample Input:

14

Sample Output:

Yes

7. Three Digit Number Or Not

Write a program to check whether the given number is three digit number or not

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is three digit number, else No

Sample Input:

145

Sample Output:

Yes

8. Three Digit Number and a multiple of 10

Check if a given number is three digit number and also it is a multiple for 10

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is three digit number and multiple of 10, else No

Sample Input:

145

Sample Output:

No

9. Three Digit number and multiple of 2, 5 and 10

Check if a given number is three digit number and also it is a multiple for 2, 5, and 10

Input Format:

First line contains single integer n

Output Format:

Print Yes if it is three digit number and multiple of 2, 5 and 10, else No

Sample Input:

140

Sample Output:

Yes

10. Number ends with zero or not

Write a program to Check if a given number ends with zero or not

Input Format:

First line contains single integer n

Output Format:

Print Yes if number ends with zero else No

Sample Input:

140

Sample Output:

Yes

Level 1(If else)**1. ASCII Value of Character**

Write a program to print the ASCII value of a character.

Input Format:

First line contains single character c

Output Format:

Print ASCII value of character.

Sample Input:

A

Sample Output:

65

2. Equivalent ASCII Character

Write a program to print the equivalent ASCII character.

Input Format:

First line contains single integer n

Output Format:

Print equivalent ASCII character.

Sample Input:

98

Sample Output:

b

3. Lowercase ASCII value or not

Check if a given number is the ASCII value of lowercase alphabet or not.

Input Format:

First line contains a single integer n.

Output Format:

Print Yes if number is ASCII value of lowercase else No

Sample Input:

100

Sample Output:

Yes

4. Uppercase ASCII value or not

Check if a given number is the ASCII value of uppercase alphabet or not.

Input Format:

First line contains a single integer n.

Output Format:

Print Yes if number is ASCII value of uppercase else No

Sample Input:

78

Sample Output:

Yes

5. Number ASCII value or not

Check if a given number is the ASCII value of the numeric character or not.

Input Format:

First line contains a single integer n.

Output Format:

Print Yes if number is ASCII value of number else No

Sample Input:

50

Sample Output:

Yes

6. Game of multiplication and addition

Write a program to check the given 2 integer input is even if yes then find product of 2 numbers else find the sum of 2 numbers.

Input Format:

First line contains the first integer n.

Second line contains a second integer m.

Output Format:

Print product of 2 numbers if both numbers are even else sum

Sample Input:

10

20

Sample Output:

200

Sample Input:

10

15

Sample Output:

25

7. Positive or Negative Number

Check if a given number is greater than 0, if yes then print positive or if the given number is lesser than 0, then print negative. If the given number is exactly equal to 0, then print zero.

Input Format:

First line contains a single integer n.

Output Format:

Print positive if $n > 0$, else negative if $n < 0$, else zero if $n = 0$.

Sample Input:

30

Sample Output:

Positive

Sample Input:

-25

Sample Output:

Negative

Sample Input:

0

Sample Output:

Zero

8. Absolute value

Write a program to find the absolute value of a given integer.

Input Format:

First line contains a single integer n.

Output Format:

Print absolute value of integer.

Sample Input:

-5

Sample Output:

5

Sample Input:

12

Sample Output:

12

9. Largest Number

Write a program to print the largest number among 2 integer numbers

Input Format:

First line contains the first integer n.

Second line contains a second integer m.

Output Format:

Print largest number of 2 numbers

Sample Input:

10

30

Sample Output:

30

10.Smallest Number

Write a program to find the smallest number among 2 integer numbers

Input Format:

First line contains the first integer n.

Second line contains a second integer m.

Output Format:

Print smallest number of 2 numbers

Sample Input:

10

30

Sample Output:

10

11.Largest Number

Write a program to find the largest number among 3 integer numbers

Input Format:

First line contains space separated three integer input n,m,l.

Output Format:

Print largest number of 3 numbers

Sample Input:

10 25 5

Sample Output:

25

12.Smallest Number

Write a program to find the smallest number among 3 integer numbers

Input Format:

First line contains space separated three integer input n,m,l.

Output Format:

Print smallest number of 3 numbers

Sample Input:

10 25 5

Sample Output:

5

Level 2(If else)**1. Reminder of 2 numbers**

Write a program to find remainder of two given numbers

Input Format:

First line contains space separated two integer input n,m.

Output Format:

Print remainder of 2 numbers if $n > m$ else print -1

Sample Input:

20 6

Sample Output:

2

Sample Input:

10 20

Sample Output:

-1

2. Grading System.

Write a program to find grade of the student marks

- If marks scored 90+ then print A+.
- If marks scored 80+ then print A.
- If marks scored 70+ then print B+.
- If marks scored 60+ then print B.
- If marks scored 50+ then print C+.
- If marks scored 40+ then print C.
- If marks scored less than 40 then print "Fail".
- If marks scored is less than 0 or greater than 100 then print "Invalid".

Input Format:

First line contains a single integer input n.

Output Format:

Print its respective grade as per the n input

Sample Input:

83

Sample Output:

A

Sample Input:

9

Sample Output:

Invaild

Sample Input:

38

Sample Output:

Fail

3. Largest Number

Write a program to find the largest number among 4 integer numbers

Input Format:

First line contains space separated three integer input n,m,l,k.

Output Format:

Print largest number of 4 numbers

Sample Input:

10 25 5 30

Sample Output:

30

4. Smallest Number

Write a program to find the smallest number among 4 integer numbers

Input Format:

First line contains space separated three integer input n,m,l,k.

Output Format:

Print smallest number of 4 numbers

Sample Input:

1 3 5 4

Sample Output:

1

5. Swap 2 Numbers

Write a program to swap two numbers.

Input Format:

First line consists of a positive integer n1.

Second line consists of a positive integer n2.

Output Format:

Prints the required result before and after swapping the numbers.

Sample Input:

10 20

Sample Output:

Before Swapping

10 20

After Swapping

20 10

Level 0(Loops)**1. First n numbers**

Write a program to print the first N natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated integer.

Sample Input:

10

Sample Output:

1 2 3 4 5 6 7 8 9 10

2. Numbers from n to 1

Write a program to print the numbers from N to 1.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from n to 1 space separated integer.

Sample Input:

10

Sample Output:

10 9 8 7 6 5 4 3 2 1

3. First n even numbers

Write a program to print the first N even natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated even integer.

Sample Input:

5

Sample Output:

2 4 6 8 10

4. First n odd numbers

Write a program to print the first N odd natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated odd integers.

Sample Input:

5

Sample Output:

1 3 5 7 9

5. Multiples of 2

Write a program to print all the multiples of 2 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the numbers from 2 to n which are multiples of 2.

Sample Input:

15

Sample Output:

2 4 6 8 10 12 14

6. First n multiples of 2

Write a program to print first n multiples of 2.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

10

Sample Output:

2 4 6 8 10 12 14 15 16 18

7. First n multiples of 3

Write a program to print first N multiples of 3.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

7

Sample Output:

3 6 9 12 15 18 21

8. First n multiples of 5

Write a program to print first N multiples of 5.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

5

Sample Output:

5 10 15 20 25

9. First N Multiple of 2 and 3

Write a program to print all the numbers which are multiples of either 2 or 3 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 2 to n space separated multiples of 2 and 3 integers.

Sample Input:

15

Sample Output:

2 3 4 6 8 9 10 12 14 15

10. First N Multiple of 2, 5 and 7

Write a program to print all the numbers which are multiples of either 2 or 5 or 7 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 2 to n space separated multiples of 2 and 3 integers.

Sample Input:

15

Sample Output:

2 4 5 6 7 8 10 12 14 15

11. First N Multiple of 3, 5 and 7

Write a program to print the first N multiples of 3, 5 and 7 numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 2 to n space separated multiples of 3, 5 and 7 integers.

Sample Input:

Sample Output:

Level 1(Loops and if)

1. Factors of number

Write a program to find factors of given number

Input Format:

First line consists of a positive integer n

Output Format:

Print the space separated integer factors of given number

Sample Input:

20

Sample Output:

1 2 4 5 10 20

2. Count factors of number

Write a program to count factors of given number

Input Format:

First line consists of a positive integer n

Output Format:

Print the integer count.

Sample Input:

20

Sample Output:

6

3. Prime Number

Write a program to find whether the given number is a prime number or not.

Input Format:

First line consists of a positive integer n

Output Format:

Print Yes if the number is prime, else print No

Sample Input:

11

Sample Output:

Yes

4. Common Factors

Write a program to find common factors of given 2 integers.

Input Format:

First line contains space separated three integer input n,m.

Output Format:

Print space separated common factors of 2 numbers.

Sample Input:

10 20

Sample Output:

1 2 5 10

5. Highest Common Factor

Write a program to find the greatest common factor of given 2 integers.

Input Format:

First line contains space separated three integer input n,m.

Output Format:

Print greatest common factor of 2 numbers.

Sample Input:

10 20

Sample Output:

10

6. Lowest Common Factor

Write a program to find the lowest common factor of given 2 integers.

Input Format:

First line contains space separated three integer input n,m.

Output Format:

Print lowest common factor of 2 numbers.

Sample Input:

10 20

Sample Output:

1

7. Lowest Common Factor Excluding 1 and 2

Write a program to find the lowest common factor of given 2 integers.

Input Format:

First line contains space separated three integer input n,m.

Output Format:

Print lowest common factor of 2 numbers excluding 1 and 2

Sample Input:

10 20

Sample Output:

5

8. Common Multiples

Write a program to print common multiples of 2 numbers till n

Input Format:

First line contains a single integer input n.

Second line contains space separated 2 integer input a,b.

Output Format:

Print first **n** common multiples of a and b.

Sample Input:

9

3 4

Sample Output:

12 24 36 48 60 72 84 96

9. Least Common Multiple

Write a program to print least common multiple of 2 numbers

Input Format:

First line contains space separated 2 integer input a,b.

Output Format:

Print least common multiple of a and b.

Sample Input:

8 12

Sample Output:

24

10. Sum of n natural numbers

Write a program to find sum of first N natural numbers

Input Format:

First line contains a single integer input n.

Output Format:

Print sum of n natural numbers

Sample Input:

100

Sample Output:

5050

Level 0(Arrays)

1. Take input from user and to store in array

Write a program to take input from the user and store it in an array using Scanner Class.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Sample Input:

5

1 2 3 4 5

2. Numbers in array.

Write a program to print numbers present in each index in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated integer values stored in each index in the array.

Sample Input:

```
5
1 4 6 3 10
```

Sample Output:

```
1 4 6 3 10
```

3. Numbers in array reverse order

Write a program to print numbers present in each index in an array in reverse order

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated integer values stored in each index in the array in reverse order.

Sample Input:

5
1 4 6 3 10

Sample Output:

10 3 6 4 1

4. Numbers in Even index of an Array

Write a program to print numbers present in the even index of an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated integer values stored in the even index of the array.

Sample Input:

5
1 4 6 3 10

Sample Output:

1 6 10

5. Numbers in Odd index of an Array

Write a program to print numbers present in the odd index of an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated integer values stored in the odd index of the array.

Sample Input:

5

1 4 6 3 10

Sample Output:

4 3

6. Even numbers in Array

Write a program to print even numbers present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated even integer values stored in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

4 6 10

7. Odd numbers in Array

Write a program to print odd numbers present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated odd integer values stored in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

1 3

8. Even numbers in Array in Reverse Order

Write a program to print even numbers present in an array in reverse order.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated even integer values stored in an array in reverse order.

Sample Input:

5

1 4 6 3 10

Sample Output:

10 6 4

9. Odd numbers in Array in Reverse Order

Write a program to print odd numbers present in an array in reverse order.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print space separated odd integer values stored in an array in reverse order.

Sample Input:

5

1 4 6 3 10

Sample Output:

3 1

10. Sum of elements in array

Write a program to find the sum of all elements present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print sum of all elements in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

24

11. Sum of even elements in array

Write a program to find the sum of all even elements present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print sum of all even elements in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

20

12. Sum of odd elements in array

Write a program to find the sum of all odd elements present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print sum of all odd elements in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

4

13. Elements divisible by 2 and 3 in array

Write a program to print the elements which are divisible by 2 and 3 in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print elements which are divisible by 2 and 3 in an array

Sample Input:

5

1 4 6 3 10

Sample Output:

4 6 3 10

14. Sum of elements divisible by 3 and 5 in array

Write a program to find the sum of elements which are divisible by 3 and 5 in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print sum elements which are divisible by 3 and 5 in an array

Sample Input:

5

1 4 6 3 10

Sample Output:

13

15. Sum of positive elements and negative elements

Write a program to find the sum of positive elements and negative elements separately in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

First line print sum of positive elements in an array.

Second line print sum of negative elements in an array.

Sample Input:

6

1 -4 -6 3 10 -20

Sample Output:

14

-30

16. Absolute Sum of elements in array

Write a program to find the absolute sum of all elements present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print sum of all elements in an array.

Sample Input:

6

1 -4 -6 3 10 -20

Sample Output:

16

17. Average of elements in array

Write a program to find the average of all elements present in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print float value of average of all elements in an array.

Sample Input:

5

1 4 6 3 10

Sample Output:

4.8

18. Even, Odd and Negative elements in an Array

Write a program to print negative elements, even elements and odd elements present in an array separately.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

First line prints space separated negative elements in an array.

Second line prints space separated odd elements in an array.

Third line prints space separated even elements in an array.

Sample Input:

10

1 -4 6 3 -10 24 -50 5 34 45

Sample Output:

-4 -10 -50

1 3 5 45

6 24 34

19. Largest element in an array

Write a program to find the largest element in a given array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print largest element in an array

Sample Input:

5

1 4 65 3 10

Sample Output:

65

20. Smallest element in an array

Write a program to find the smallest element in a given array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print smallest element in an array

Sample Input:

5

1 4 65 3 10

Sample Output:

1

21. Replace even elements in an array

Write a program to find the even elements in an array and replace all even elements with '0'.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print the required output

Sample Input:

5

1 4 65 34 15

Sample Output:

1 0 65 0 15

22. Swapping Indexes

Write a program to swap all the even index elements with odd index elements

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print the required output

Sample Input:

6

1 4 6 3 10 15

Sample Output:

Before Swapping

Even Index elements - 1 6 10

Odd Index elements - 4 3 15

After Swapping

Even Index elements - 4 3 15

Odd Index elements - 1 6 10

23.Occurance of Largest element

Write a program to find the occurrence of the largest element in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print the occurrence of largest element

Sample Input:

6

1 4 6 15 10 15

Sample Output:

2

24.Occurance of smallest element

Write a program to find the occurrence of the smallest element in an array.

Input Format:

First line contains a single integer N.

Next line contains N space separated integer values.

Output Format:

Print the occurrence of smallest element

Sample Input:

6

1 1 6 15 1 15

Sample Output:

3