1. User input integer values in 10 cells array. He wants to find product of greatest and smallest number present in array.

 Example:

Input:

3

2

4

5

6

8

9

7

-1

10

Output: -10

1. Ask user for *n* numbers, store in a array and print the even numbers only. If not a single even number is entered print 'Even number not found in array. For Example:

n :5

angka ke -1:1

angka ke -2:2

angka ke -3:3

angka ke -4:4

angka ke -5:5

Output:

2

4

N: 2

angka ke-1: 1

angka ke-2: 3

Output:

Even number not found in array.

1. Find the first 'n' fibonacci numbers and display them (where n is entered by the user). Then calculate the average of these 'n' fibonacci numbers and display it.

Enter how many fibonacci numbers you want: 20

Your fibonacci numbers are:

1

1

2

3

5

8

13

21

34

55

89

144

233

377

610

987

1597

2584

4181

6765

Their average is:

885

1. Write a program to takes two matrix(3\*3) array as inputs and calculate the multiplication of both matrix.

Example :  
1. If two matrix are :  
Matrix 1st :  
1 2 3  
4 5 6  
7 8 1

Matrix 2nd:  
1 2 3  
3 2 1  
4 5 2

then the multiplication of both matrix should be :  
19 21 11  
43 48 29  
35 35 31

1. Complete the following program to find whether given number is perfect or not  
   Help (Perfect number is a positive number which sum of all positive divisors  
   excluding that number is equal to that number). For example 6 is perfect number  
   since divisor of 6 are 1, 2 and 3. Sum of its divisor is 1 + 2 + 3 = 6.

Note:

6 is the smallest perfect number.

Next perfect number is 28

Example1:  
Enter a number:

6  
The result is:

Given number is a perfect number

Example2:  
Enter a number:

5

The result is:

Given number is not a perfect number

1. Write a program which takes input integer array which contains positive and negative numbers and find out the average of positive and average of negative numbers.

Example:

If user gives input 9,-1,-1,-4,1,5,-4,2,-3,1 then output will be :  
Average of positive numbers: 3.6  
Average of negative numbers: -2.6

If user gives input 12,4,-5,4,-7,-2,6,14,-8,10 then output will be :  
Average of positive numbers: 8.33  
Average of negative numbers: -5.5

1. Write a program to display n prime number.

Input: 2

Output:

2

3

Input: 5

Output:

2

3

5

7

11