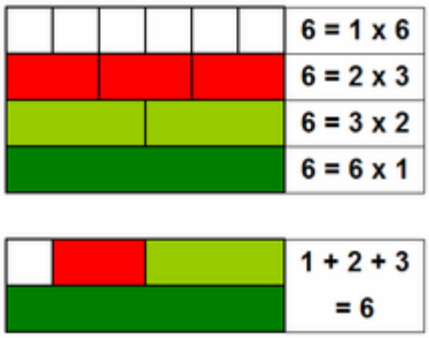
EXERCISE

QUESTION# 01

Write a C Program that takes any number from the user and identifies if the number is a perfect number or not.



QUESTION# 02

Write a program that will generate the Fibonacci series up to 10000. Also find the sum of the generated Fibonacci numbers divisible by 3, 5 or 7 only.

An example of the Fibonacci series is: 1 1 2 3 5 8 13 25.....

Note: Do this task by using a ***for loop*** **DO NOT** use arrays for this.

QUESTION# 03

Write a C Program to compute the LCM and GCD of two numbers.

QUESTION# 04

Consider Two integers a and b taken as input from the user. Using Loops iterate the value of a till the value of b.

If the value of a<=9 the output should correspond to the English representation of the numbers i.e., 8=Eight, 9=Nine etc.

If the iteration exceeds 9 then the programs should print if the exceeded number is even or odd.

Example:

Input= 8,11

Output= Eight, Nine, Even, Odd

QUESTION# 05

Write a C program that produces the following output:

0	0	0	0
	1	1	
2	2	2	2
	3	3	

4	4	4	4
	5	5	
6	6	6	6

Note: Only use single loops **(No Nested Loops)**

QUESTION# 06

Write a C Program that takes a user input array and prints the sum of its elements.
Input: {1,2,3,4,5,6,7,8,9}
Output: 45

QUESTION# 07

Write a program in C to read n number of values in an array and display it in reverse order.
Input: {1,2,3,4,5,6,7,8,9}
Output: 9 8 7 6 5 4 3 2 1

QUESTION# 08

Write a C Program to find the minimum and maximum number in an array.
Input: {4,1,6,8,10,21,8,9,2,6}
Output:

Minimum Number = 1
Maximum Number = 21

QUESTION# 19 (Bonus Task)

Write a program to take range from user (starting number and ending number), count the number fizz, Buzz and Fizz-Buzz, in the given range
Fizz In Multiple of 3
Buzz is Multiple of 5
Fizz-Buzz is Multiple of 3 and 5
Input: start = 1; end = 15
Output
Fizz =5
Buzz = 3
Fizz-Buzz = 1