

# Google Developers Students Club (IET LUCKNOW)

## DSA Bootcamp assignment 1 (Basic)

1. Print 1 to 10 and 10 to 1 using single loop.

Output: 1 2 3 4 5 6 7 8 9 10

10 9 8 7 6 5 4 3 2 1

2. Write a C++ Program to print sum of digits of given number.

Input:1901

Output:11

3. Write a C++ program to find factorial of a given number.

$0 < n \leq 16$

Input: 4

Output: 24

4. Write a C++ program to print all numbers between 1 to 100 which are divisible by 2 or 3 and not divisible by 5.

5. Print Fibonacci series by using single loop taking first term as 0 and second term as 1 up to 100

output -:

0 1 1 2 3....

\* These Questions will be discuss in next session

