**NATIONAL UNIVERSITY OF SCIENCE & TECHNOLOGY**



SCHOOL OF MECHANICAL & MANUFACTURING ENGINEERING

**FUNDAMENTAL OF PROGRAMMINGS**

**LAB MANUAL 6**

**NAME**: HAMZA SAIF

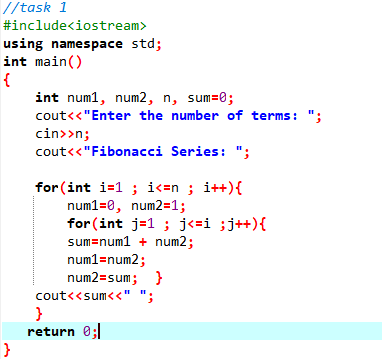
**CMS** ID:481070

**SEC**: ME-15©

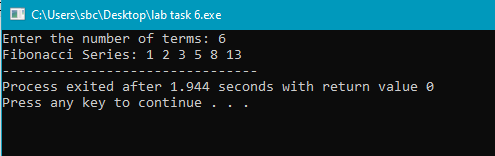
**LAB TASKS:**

**TASK#1:**

Generate the Fibonacci sequence using nested loops

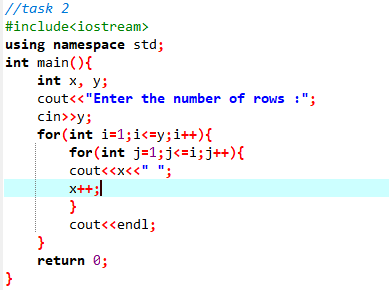


OUTPUT:

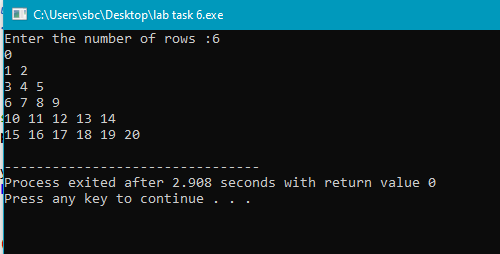


**TASK#2:**

Create Floyd’s Triangle with nested loops



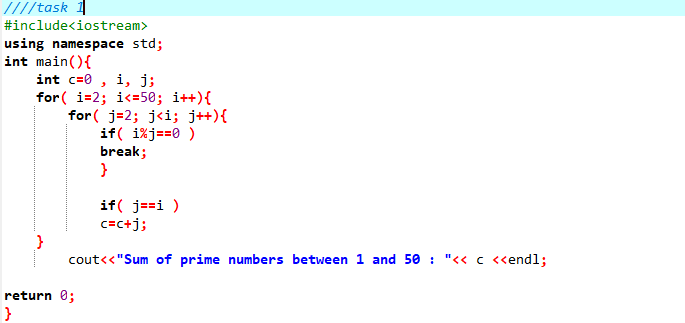
OUTPUT:



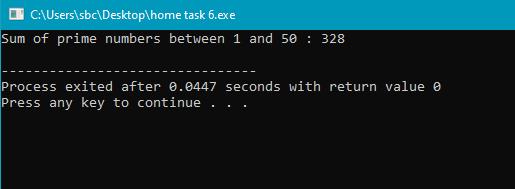
**HOME TASKS:**

**TASK#1:**

Write a program using break or continue statement that only adds prime numbers from 1 to 50 and display the sum on screen.



OUTPUT



**TASK#2:**

Write a program in C++ to create the following pattern.

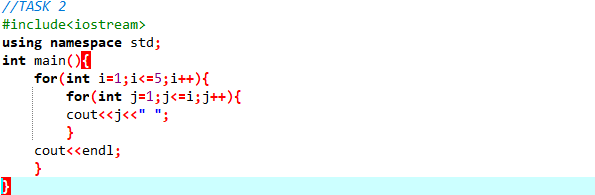
1

1 2

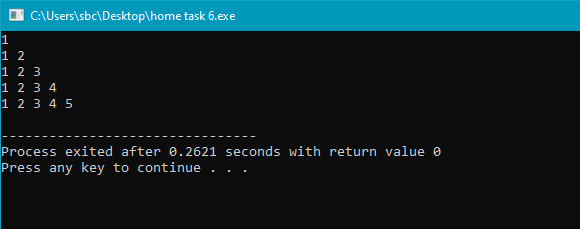
1 2 3

1 2 3 4

1 2 3 4 5

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OUTPUT



**TASK#3:**

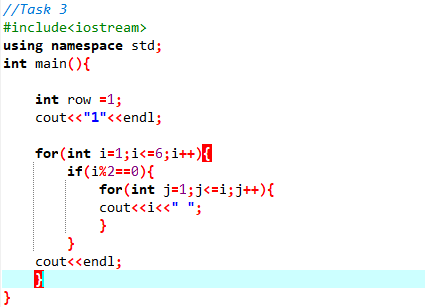
Write a C++ program to print:

1

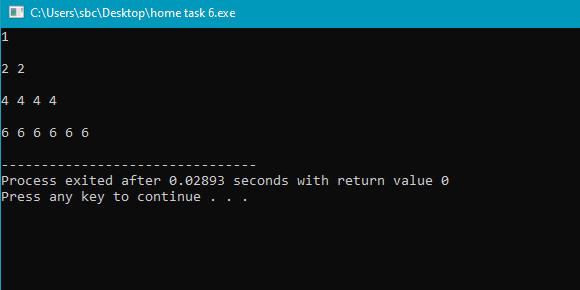
2 2

4 4 4 4

6 6 6 6 6 6

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OUTPUT

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