

Looping

Monday, 31 July 2023

8:03 AM

1. Given two integers M and N , write a program to print the integers from M and N.
2. Write a program that reads a number N and prints the average of N numbers from 1.
Ex: N=3 then avg: $3+2+1/3$
3. Given two integers M and N , write a program to print a solid rectangle pattern of M rows and N columns using the hash character (#)
4. Write Program that reads a number M and N and prints N numbers after M.
5. Given an integer N , write a program which reads N inputs and prints the sum of the given input number.
6. Write a program that reads a number N and prints two Right Angled Triangles of N Rows , using numbers starting from 1.

Explanation

For example, if the given number is $N = 3$,

- Print the numbers on 6 rows as shown in the given image.

	1	2	3
1	1		
2	2	2	
3	3	3	3
4	1		
5	2	2	
6			

6	3	3	3
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7. Write a program that reads a number N and prints the sum of squares of N numbers starting from 1.

Explanation: if the N=4

The 4 numbers starting from 1 are 1,2,3,4

Squares of those numbers are 1,4,9,16

Sum of squares are $1+4+9+16=30$

Output should be 30.