1. Write a program in C# Sharp to display the first 10 natural numbers.   
   *Expected Output* :  
   1 2 3 4 5 6 7 8 9 10
2. Write a C# Sharp program to find the sum of first 10 natural numbers.    
   *Expected Output* :  
   The first 10 natural number is :  
   1 2 3 4 5 6 7 8 9 10  
   The Sum is : 55
3. Write a program in C# Sharp to display n terms of natural number and their sum.   
   Test Data : 7  
   *Expected Output* :  
   The first 7 natural number is :  
   1 2 3 4 5 6 7  
   The Sum of Natural Number upto 7 terms : 28
4. Write a program in C# Sharp to read 10 numbers from keyboard and find their sum and average.    
   Test Data :  
   Input the 10 numbers :  
   Number-1 :2  
   ...  
   Number-10 :2  
   *Expected Output* :  
   The sum of 10 no is : 51  
   The Average is : 5.100000
5. Write a program in C# Sharp to display the cube of the number up to given an integer.   
   Test Data :  
   Input number of terms : 5  
   *Expected Output* :  
   Number is : 1 and cube of the 1 is :1  
   Number is : 2 and cube of the 2 is :8  
   Number is : 3 and cube of the 3 is :27  
   Number is : 4 and cube of the 4 is :64  
   Number is : 5 and cube of the 5 is :125
6. Write a program in C# Sharp to display the n terms of harmonic series and their sum.  
   1 + 1/2 + 1/3 + 1/4 + 1/5 ... 1/n terms  
   Test Data :  
   Input the number of terms : 5  
   *Expected Output* :  
   1/1 + 1/2 + 1/3 + 1/4 + 1/5 +  
   Sum of Series upto 5 terms : 2.283334
7. Write a program in C# Sharp to find the sum of the series 1 +11 + 111 + 1111 + .. n terms.  
   Test Data :  
   Input the number of terms : 5  
   *Expected Output* :  
   1 + 11 + 111 + 1111 + 11111 +  
   The Sum is : 12345
8. Write a program in C# Sharp to display the pattern like pyramid using an asterisk and each row contain an odd number of an asterisks.  
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    \*\*\*  
   \*\*\*\*\*
9. Write a program in C# Sharp to make such a pattern like a pyramid with a number which will repeat the number in the same row.  
    1

2 2

3 3 3

4 4 4 4

1. Write a program in C# Sharp to display the n terms of harmonic series and their sum.  
   1 + 1/2 + 1/3 + 1/4 + 1/5 ... 1/n terms  
   Test Data :  
   Input the number of terms : 5  
   *Expected Output* :  
   1/1 + 1/2 + 1/3 + 1/4 + 1/5 +  
   Sum of Series upto 5 terms : 2.283334