

## DailyFlash

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**Note: Your 5<sup>th</sup> Program will be in continuation to previous program to achieve a final output. Therefore, you have continue coding in yesterday's last code.**

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Program 1: Write a Program that print Addition of Series up to nth length if user provides length.

Series:  $0 + \pi/6 + \pi/6 + \pi/2 + \dots + 2\pi$ .

(where  $\pi = 3.142$ )

Input: Enter Length of Series: 3

Output: The addition of Series of length 3 = 1.52

Program 2: Write a Program that accepts a String from user in UPPERCASE. Print that string in lowercase.

Input: HELLO WORLD

Output: hello world

Program 3: Write a Program that accepts a number from user and prints Maximum element from that array.

Input: Length of Array: 6

Enter Elements in Array: 1 2 3 14 5 6

Output: Minimum Element Entered In That Array : 1

Program 4: Write a Program to Print following Pattern.

```
*
*  *
*  *  *
*  *  *  *
*  *  *
*  *
*
```

**{With The Previous Program, we learnt to calculate Average, Variance & Standard Deviation for a distribution of numbers, let us continue with another program like that}**

Program 5: Write a Program that takes Height (h) & Base (b) of a Triangle and calculates area (A) of that Triangle.

{Steps: To Calculate Area of Triangle, we can use formula:

$$A = 1/2bh$$

Where:

A is area of triangle

b is base of that triangle

h is height of that triangle

}

Input:

Enter Height of Triangle: 3

Enter Base of Triangle : 4

Output: The Area of Triangle is : 6