DailyFlash

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Note: Your 5th 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 multiplication of Series up to nth length if user provides length.

Series: 1 ^1 * 2^2 * 3^3 * … * n*n

Input: Enter Length of Series: 3

Output: The multiplication of Series of length 3 = 108

Program 2: Write a Program that accepts a String from user. Print that string character by character.

Input: HELLO WORLD

Output: H E L L O W O R L D

Program 3: Write a Program that accepts a number from user and stores every digit from that number in reverse order into an array.

Input: 3462

Output: Number Stored In Array: 2 6 4 3

Program 4: Write a Program to Print following Pattern.

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A0    B1    C2    D3    E4    F5    G6
      H2    I3    J4    K5    L6
            M4    N5    O6
                  P6
```

{Continue with yesterday's last program}

Program 5: Write a Program that accepts N numbers from user and calculates Variance of those numbers.

{Steps: we can calculate Average of numbers using following formula.

$$\text{Variance (v)} = \sum (x-a)^2 / n$$

Where,

X are numbers entered,

A is average of those numbers

n is count of those numbers

}

Input:

Enter Value N: 3

Enter Values: 1 5 2

Output:

Average (a) of Numbers = 1.5

Variance of Numbers: 2.89