

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 Addition of Series up to nth length if user provides length.

Series: $(x+y) + (x+y)^2 + (x+y)^3 + (x+y)^4 + \dots + (x+y)^n$

(Where x, y are the numbers entered by user)

Input:

Enter Length of Series: 3

Enter Value of X & Y = 3 4

Program 2: Write a Program that accepts a String from user and replaces every vowel from that String with largest alphabet from that string.

Input: heaven

Output: Replaced String: hvvvvn

Program 3: Write a Program that accepts a Array on Length N from user and prints multiplication of all even elements from that array.

Input: Length of Array: 6

Enter Elements in Array: 1 2 3 4 5 6

Output: multiplication of Even Elements from that array : 48

Program 4: Write a Program to Print following Pattern.

Enter a String : core2web

Output:

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C
C  O
C  O  R
C  O  R  E
C  O  R  E  2
C  O  R  E  2  W
C  O  R  E  2  W  E
C  O  R  E  2  W  E  B
C  O  R  E  2  W  E
C  O  R  E  2  W
C  O  R  E
C  O  R
C  O
C
```

Program 5: Write a program that takes a number from user and prints whether that number is circular prime or not.

{Note: A Circular Prime number is such a number where every combination by arranging the digits from number is a prime number itself.

e.g: 197 is circular prime, where all combination 197, 971, 791 are prime numbers}

Input: 11

Output: 11 is Circular prime