

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 coverts entered angle in degree to radians.

Input: In degree: 180

Output: In Radians: 3.14159

Program 2: Write a Program that accepts a String from user and reverse the string.

Input: hello

Output:

Entered String: hello

Reversed String: olleh

Program 3: Write a Program that accepts a number from user and swaps that first element with last, second with second last and so on.

Input: Length of Array: 6

Enter Elements in Array: 1 2 3 4 5 6

Output: Array Before Swapping: 1 2 3 4 5 6

Swapped Array: 6 5 4 3 2 1

Program 4: Write a Program to Print following Pattern.

```
H
H  E
H  E  L
H  E  L  L
H  E  L
H  E
H
```

{In Reference with Yesterday's Program}

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

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

$$b = 2A/h$$

Where:

A is area of triangle

b is base of that triangle

h is height of that triangle

}

Input:

Enter Area of Triangle: 6

Enter Height of Triangle: 3

Output: The Base of Triangle is: 4