DailyFlash

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Program 1: Write a Program that accepts two strings from user and compares whether only first n characters from those strings are equal or not and if they are not then the code must print the difference between the first dissimilar characters from that string, if user enters the value of n.

{Note: simply simulate the work of c string function strcnmp() }

Input:

      Enter First String: Hello

      Enter Second String: Helly

      How many characters from the strings to compare: 3

Output: both the strings are equal.

Program 2: Write a Program that accepts a String from user and counts the numbers of words that string contains.

Input: Everything happens for a reason, all we need to do is keep doing it.

Output: The entered string contains 14 words.

Program 3: Write a Program that accepts two strings from user and removes all those characters from second string that first string already contains.
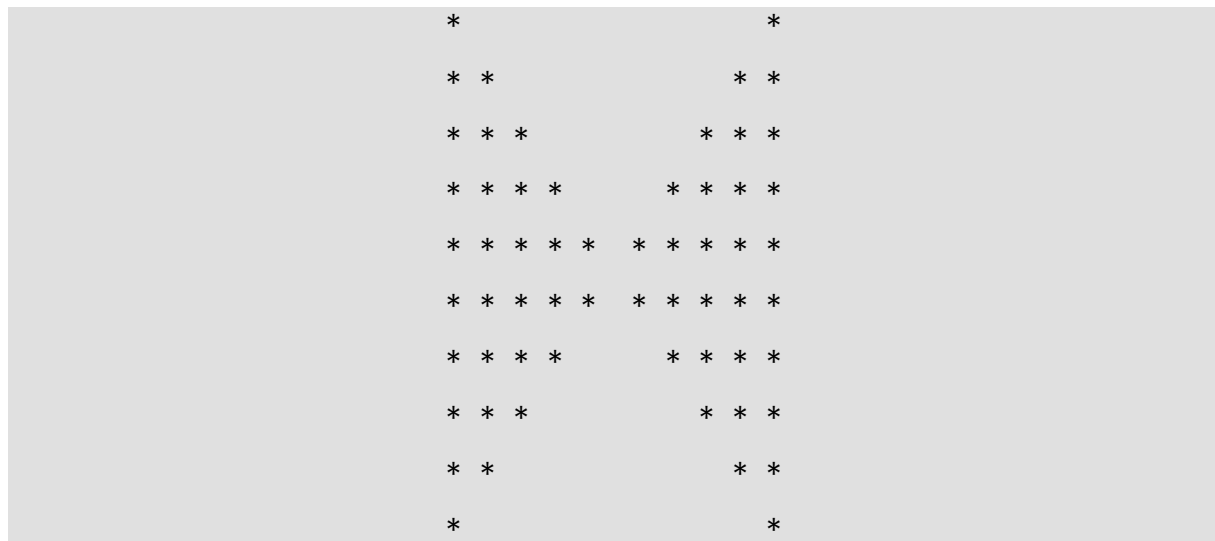
Input:

      Enter First String: Heaven

      Enter Second String: Happy

Output: Second String after removing all repeating characters: ppy

Program 4: Write a Program to Print following Pattern.

Output:

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

Program 5: Write a program that accepts two matrices of MxN order from user then store the product of those two matrices and store it into third matrix.

Input: Enter M & N = 2 2
Enter Matrices:

```
1    2    0
0    1    1
2    0    1
```

Matrix Two:

```
1    1    2
2    1    1
1    2    1
```

Output: The Product Matrix:

```
5    3    4
3    3    1
3    4    5
```