DailyFlash

===

Program 1: Write a Program that accepts two Array of N element from user and concat two arrays into a third array and print that third array and then sort that array in ascending order and print that too.

Input: Length of arrays : 5

Elements In Array One: 5 4 6 2 1

Elements In Array Two: 1 2 3 4 5

Output:

Third Array after concatenation: 5 4 3 2 1 1 2 3 4 5

Third Array after sorting: 1 1 2 2 3 3 4 4 5 5

Program 2: Write a Program that accepts a String from user and delete a character from that string at desired index, if user provides the index to remove character from string.

Input: Enter a String: Heaven over Earth

Enter index to remove character at : 7

Output: String after deletion: Heaven ver Earth

Program 3: Write a Program that accepts a Matrix of MxN order and converts that matrix into an lower triangular matrix.

Input: Enter Number of rows & cols: 3 3

Elements: 1   2   3

            4   5   6

            7   8   9

Output:

```
1   0   0
4   5   0
7   8   9
```

Program 4: Write a Program to Print following Pattern.

Output:

```
        1
    A   A   A
  3 3   3   3   3
B B B   B   B   B   B
  3 3   3   3   3
    A   A   A
        1
```

Program 5: Write a program that accepts two matrices of MxN order from user then checks and prints whether those matrix are equal or not.

Input: Enter M & N = 2 2

Enter Matrices :
```
1   2       1   2
2   4       2   4
```

Output: Both the matrix are equal.