DailyFlash

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Program 1: Write a Program that accepts two Array of N element from user and print the second largest array out of that unsorted array.

Input: Length of arrays : 5

     Elements In Array: 5 4 6 2 1

Output: Second largest Element in Array: 5

Program 2: Write a Program that accepts a String from user and copy that string into another string from a starting index to an ending index, if user provides both the indexes.

Input: Enter String: Hello World

     Enter Start Index: 2

     Enter End Index: 6

Output: Output String Two after coping it from one: llo W

Program 3: Write a Program that accepts a Matrix of MxN order and concerts that matrix into transpose matrix

Input: Enter Number of rows & cols: 3 3

Elements: 1   2   3

          4   5   6

          7   8   9

Output:

          1   4   7

          2   5   8

          3   6   9

Program 4: Write a Program to Print following Pattern.

Output:

```
8   7   6   5   6   7   8
    7   6   5   6   7
        6   5   6
            5
```

Program 5: Write a program to find two roots of a quadratic equation
ax^2 + bx + c = 0, if user provides that values of a, b, c and print the
values of x1 and x2.

{Steps: To find the roots of an quadratic equation we have formula,

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Where,

a, b, c are the values .

Note: in order to get values of x1 and x2 we will make us of that + and –
sign, by using + we will get value of x1 and by using _ we will get value of x2.

}

Input: Enter values of a, b & c,

Enter value of a: 1

Enter value of b: -5

Enter Value of c: 6

Output:

Value of x1: 3

Value of x2: 2