DailyFlash

==========

Note: From Today Onwards, 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.

==========

Program 1: Write a Program that prints the series of automorphic numbers ranging between upper limit and lower limit entered by user.

Input: 1 10

Output: The automorphic numbers ranging between 1 to 10 are 1 4 6

Program 2: Write a Program that swaps first digit with last digit of a number entered by user.

Input: 12345

Output: 52341

Program 3: Write a Program that computes & prints Perfect Numbers entered by user using do while loop until user enters a negative number.

Input: 1 6 2 5 3 1 -1
Output: 1 6 Terminating

Program 4: Write a Program to Print following Pattern.

```
        D
    C   D   E
  B C   D   E   F
A B C   D   E   F   G
```

{Continue with Yesterday's Last Program}

Program 5: Write a Program that computes perimeter of a triangle if user enters the vertices of all three points of that triangle.

{Steps:

1. Calculate distances of all three sides of triangle using distance formula, say a, b, & c are those distances.
2. Calculate Perimeter of circle using Hero's Formula i.e. Perimeter P of triangle is :

   P = a + b + c

}

Input:

A (x1, y1) = 5 2
B (x2, y2) = 6 3
C (x3, y3) = 3 1

Output:

Length AB = 1.41
Length BC = 3.60
Length AC = 2.23

Perimeter of Triangle: 4.24