Task 3

1. Given a string like "aBCd",how can you covert it to "A-Bb-Ccc-Dddd"(hints:1.use if,for; 2."ab".title() returns "Ab")

2. Print a pyramid of number like

1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
16 17 18 19 20 21

3. Given a random integer x, print all of it's factors. For example: give you 18, the return should be 1*2*3*3.

4. Fibonacci Numbers. The Fibonacci number sequence is 1, 1, 2, 3, 5, 8, 13, 21, etc. In other words, the next value of the sequence is the sum of the previous two values in the sequence. Write a routine that, given N, displays the value of the Nth Fibonacci number. For example, the first Fibonacci number is 1, the 6th is 8, and so on.