Problem : **Power Series Derivative**

Write a program that allows the user to enter any value for x and a non-negative integer, n, and then computes $1+2x+3x^2+4x^3+5x^4+...(n+1)x^n$. You may **not** use the *pow* function.

Examples :

x	n	output
10	2	321
1	4	15
0	3	1
10	0	1

-Ely