Problem : **A Laurent Series**

Write a program that allows the user to enter any value for x and a positive integer, n, and then computes $1 + \frac{2}{x} + \frac{3}{x^2} + \frac{4}{x^3} + ... + \frac{n}{x^{n-1}}$. You may **not** use the *pow* function.

Examples :

x	n	output
10	2	1.2
1	4	10
0	3	undefined
0	1	1

-Ely