#include<iostream>

using namespace std;

double sum(double b, int n)

{

if (n==0)

return 1;

return 1 + b\*sum(b,n-1);

}

void main()

{

int n;

double base;

cout<<"Enter the number of sums : ";

cin>>n;

cout<<"enter the base : ";

cin>>base;

cout<<sum(base,n);

system("PAUSE");

}