#include <iostream>

#include <math.h>

using namespace std;

int main()

{

int n,i,a,d;

cout<<"Enter N>1: ";

cin>>n;

cout<<"Enter A: ";

cin>>a;

cout<<"Enter D: ";

cin>>d;

int arr[n];

for (i=0;i<n;i++)arr[i]=a\*pow(d,i);

for (i=0;i<n;i++)cout<<arr[i]<<" ";

}