#include <iostream>

#include <math.h>

using namespace std;

int main()

{

int n,i,a,b;

cout<<"Enter N>2: ";

cin>>n;

cout<<"Enter A: ";

cin>>a;

cout<<"Enter B: ";

cin>>b;

int arr[n];

arr[0]=a;

arr[1]=b;

for (i=0;i<(n-2);i++)arr[i+2]=arr[i]+arr[i+1];

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

}