#include <bits/stdc++.h>

using namespace std;

void func(int i, int n, vector<int> &v, int k, vector<int> &temp)

{

if(k < 0)return;

if(k == 0)

{

cout << "Elements are: \n";

for(auto &i: temp)cout << i << " ";

cout << "\n";

return;

}

if(i == n)return;

func(i + 1, n, v, k, temp);

temp.push\_back(v[i]);

func(i + 1, n, v, k - v[i], temp);

temp.pop\_back();

}

int main()

{

int n;

cout << "Enter the size of the array\n";

cin >> n;

vector<int> v(n);

cout << "Enters the elements\n";

for(auto &i: v)cin >> i;

cout << "Enter the target element\n";

int k; cin >> k;

vector<int> temp;

func(0, n, v, k, temp);

}

