Combination Sum - Part 2

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Problems

Given an array of integers A and a sum B, find all unique combinations in A where the sum is equal to B.

ach number in A may only be used once in the combination.

Note:
   All numbers will be positive integers.
   Elements in a combination (a1, a2, ... , ak) must be in non-descending order. (ie, a1 ≤ a2 ≤ ... ≤ ak).
   The combinations themselves must be sorted in ascending order.
   If there is no combination possible the print "Empty" (without qoutes).
Example,
Given A = 10,1,2,7,6,1,5 and B(sum) 8,

A solution set is:

[1, 7]
[1, 2, 5]
[2, 6]
[1, 1, 6]

Input:
First is T , no of test cases. 1<=T<=500
Every test case has three lines.
First line is N, size of array. 1<=N<=12
Second line contains N space seperated integers(x). 1<=x<=9.
Third line is the sum B. 1<=B<=30.

Output:

One line per test case, every subset enclosed in () and in every set intergers should be space seperated.(See example)

Example:

Input:

2

7

10 1 2 7 6 1 5

8

5

8 1 8 6 8

12

Output:

(1 1 6)(1 2 5)(1 7)(2 6)

Empty

** For More Input/Output Examples Use 'Expected Output' option **

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| Monokai ⌄ | Java (1.8) ⌄ |

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```
1  /*package whatever //do not write package name here */
2
3  import java.util.*;
4  import java.lang.*;
5  import java.io.*;
6
7  class GFG {
8      public static void main (String[] args) {
9          //code
10     }
11 }
```