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Find all four sum numbers

Submissions: 14933 (/problem\_submissions.php?pid=1637)

Accuracy: 14.62% Difficulty: **Medium** (https://practice.geeksforgeeks.org/Medium/0/0/)

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Given an array A of size N, find all combination of four elements in the array whose sum is equal to a given value K. For example, if the given array is {10, 2, 3, 4, 5, 9, 7, 8} and K = 23, one of the quadruple is “3 5 7 8” (3 + 5 + 7 + 8 = 23).

**Input:**  
The first line of input contains an integer T denoting the no of test cases. Then T test cases follow. Each test case contains two lines. The first line of input contains two integers N and K. Then in the next line are N space separated values of the array.

**Output:**  
For each test case in a new line print all the quadruples present in the array separated by space which sums up to value of K. Each quadruple is unique which are separated by a delimiter "\$" and are in increasing order.

**Constraints:**  
1<=T<=100  
1<=N<=100  
-1000<=K<=1000  
-100<=A[i]<=100

**Example:**  
**Input:**  
2  
5 3  
0 0 2 1 1  
7 23  
10 2 3 4 5 7 8  
**Output:**  
0 0 1 2 \$  
2 3 8 10 \$2 4 7 10 \$3 5 7 8 \$

**\*\* For More Input/Output Examples Use 'Expected Output' option \*\***  
Author: Shubham Joshi 1 (https://auth.geeksforgeeks.org/user/Shubham Joshi 1/practice/)

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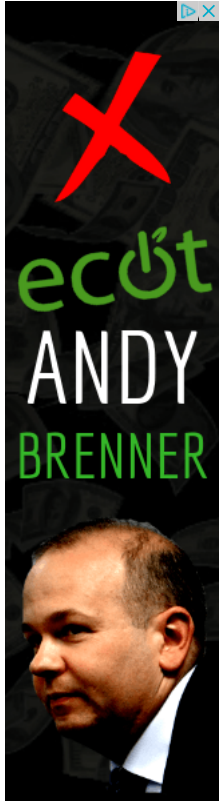
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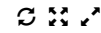
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```
1 #include <stdio.h>
2
3 int main() {
4     //code
5     return 0;
6 }
```

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custom input

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Compile & Test

Expected Outcome

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