**Key Pair**

[array](http://www.practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)[Amazon](http://www.practice.geeksforgeeks.org/tag-page.php?tag=Amazon&isCmp=1)

Given an array A[] of n numbers and another number x, determine whether or not there exist two elements in A whose sum is exactly x.

**Input:**

The first line of input contains an integer T denoting the number of test cases.  
The first line of each test case is N and X,N is the size of array.  
The second line of each test case contains N integers representing array elements C[i].  
  
**Output:**

Print "Yes" if there exist two elements in A whose sum is exactly x, else "No" without quotes.

**Constraints:**

1 ≤ T ≤ 100  
1 ≤ N ≤ 200  
1 ≤ C[i] ≤ 1000  
  
**Example:**

Input  
2  
6 16  
1 4 45 6 10 -8  
5 10  
1 2 4 3 6

Output  
Yes  
Yes

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=552>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int n,x;

scanf("%d %d", &n, &x);

int C[n];

for(int i =0; i < n;i++)

scanf("%d", &C[i]);

string ans = "No";

for(int i =0; i<n; i++) {

for(int j =i+1; j<n; j++) {

if(C[i] + C[j] == x){

ans ="Yes";

break;

}

}

}

cout << ans << endl;

}

return 0;

}