45 : 58 : 57   Finish test

Learn how your code will be evaluated (https://helpcenter.mymapit.in/?ht_kb=things-to-know-before-attempting-the-test)   Utility codes for quick start (https://helpcenter.mymapit.in/?page_id=871)

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C (gcc 4.8.3) ⌄   ⟳   ◑   ▶ **Compile & Run**   O/P »

Find Pairs

Given an array A of size N, and a target number, the task is to find the number of pairs of integers in the array whose sum is equal to target number.

Input Format

The first line contains two integers N and target Number, first number contains the size of array A and second number contains target number respectively.

The second line contains the array elements.

Output format

You need to print an integer that denotes the number of pairs whose sum is equal to the target number.

Constraints

1<=N<=100

0<=sum,A[i]<=1000

Sample Input

```c
1   #include<stdio.h>
2
3   int main(){
4       int n,targetSum;
5       scanf("%d%d",&n,&targetSum);
6       int arr[n];
7       int i;
8       for(i=0; i < n; i++) scanf("%d",&arr[i]);
9
10      // algo
11      int pairsFound = 0;
12      for(i=0; i < n-1; i++){
13          int j;
14          for(j=i+1; j < n; j++){
15              if(arr[i] + arr[j] == targetSum)
16                  pairsFound++;
17          }
18      }
19
20      printf("%d",pairsFound);
21  }
```

x

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