Pairs With Equal Sum

1. You are given an array(arr) of distinct integers.
2. You have to find if there are two pairs(A, B) and (C, D) present in the given array which satisfies the condition A+B = C+D.

Input Format

A number N
arr1
arr2.. N numbers

Output Format

true/false

```python
def pairsWithEqualSum(arr):
    freq={}
    for i in range(len(arr)-1):
        for j in range(i+1,len(arr)):
            sum_ = arr[i]+arr[j]
            if sum_ in freq:
                return True
            else:
                freq[sum_] = True
    return False
```

```python
arr = [1 ,2 ,998 ,72 ,87576 ,21 ,45 ,-1]
print(pairsWithEqualSum(arr))
```