

Two Sum ==> A better version without duplicity

```
def twoSum(arr, start, end, target):
    ans = []
    while start < end:
        temp = arr[start] + arr[end]
        if temp == target:
            ans.append((arr[start], arr[end]))
            start = start + 1
            end = end - 1
        elif temp > target:
            end = end - 1
        else:
            start = start + 1
            while start < end and arr[start] == arr[start - 1]: #Avoid
duplicate elements
                start += 1
            while start < end and arr[end] == arr[end + 1]: ##Avoid duplicate
elements
                end -= 1
    return ans
```

arr = [2, 2, 2, 2, 2, 4, 4, 4, 4, 4, 5, 6,6, 6,7, 8, 9, 10, 11, 11, 11, 11]

print(twoSum(arr, 0, len(arr) - 1, 12))

Ans : [(2, 10), (4, 8), (5, 7), (6, 6)]