def fourSum(nums: [int], target: int) -> [[int]]:

    #3sum+1sum

    nums.sort()

    a=[]

    for i in range(len(nums)):

        if i>0 and nums[i-1]==nums[i]:#fix first point

            continue

        for j in range(i+1,len(nums)):

            if j>i+1 and nums[j-1]==nums[j]:

                continue

            k,l=j+1,len(nums)-1

            while(k<l):

                s=nums[i]+nums[j]+nums[k]+nums[l]

                if s<target:

                    k+=1

                elif s>target:

                    l-=1

                else:

                    a.append([nums[i],nums[j],nums[k],nums[l]])

                    k+=1

                    l-=1

                    while(k<l and nums[k]==nums[k-1]):

                        k+=1

                    while(k<l and nums[l]==nums[l+1]):

                        l-=1

    return a