def threeSum(self, A):

a=[]

A.sort()

for i in range(len(A)):

if i>0 and A[i]==A[i-1]:

continue

start=i+1

end=len(A)-1

while start<end:

if A[i]+A[start]+A[end]==0:

a.append([A[i],A[start],A[end]])

while (start<end and A[start]==A[start+1]):

start+=1

while (start<end and A[end]==A[end-1]):

end-=1

start+=1

end-=1

elif A[i]+A[start]+A[end] >0:

end-=1

else:

start+=1

return a