

```

def improved(A):
    A.sort()
    Array = A
    ini = 0
    fin = len(Array)-1
    cont = 0
    for i in range(fin):
        if Array[i]<0 :
            for j in range(fin):
                j = j+1
                der = fin
                if (Array[i]+Array[j])< 0:
                    lef = (j+1)
                    while lef <=der:
                        mid = (lef+der)/2
                        mid = int(mid)
                        if Array[mid] == -(Array[i]+Array[j]):
                            cont +=1
                            break
                        elif Array[mid] > -(Array[i]+Array[j]):
                            der = mid-1
                        else:
                            lef = mid+1

    return print ("tripletas suman : %s " %cont )

```