It Task la: For this task we thowever the Whole armay using sho loops, checking each of the recombinations, if we find a match me immediately make the flag false, print the output and break the inner loop. As the flag is falle, the order was loop will also break. If he don't find any match after the end of the loops we print "Impeccible". The complexity of this code is o (nr).

Tosk 16: For Air soft solving the task in O (rolegn) time, we used binary search, so we souted the array. We checked each of the value binary esceneling. Slicing the armay without the value and (Sum-value) as to a fle key, when we find the match, we companie the original armay shown getting indexes from the oniginal array and printed it.

Task 2a! For met mologn time complexity we used merge sont, we constructe the two hist he sonted the whole list with merge sont.

The complexity of merge sont is O(nlow)

task 26! For o(n) solution we just the two armay and companing the two array with each other and sorting them, putting them into a array and notining the armay, also we used another loop just in case for any left out values, as there and nested loop used. The complexity is o(2).

Task 3: We just sorted she given list wither manger sont edgenithm in which follow devide and computer approach, we devide the armay using necusion and conquening while sorting the armay with mense () function.

Task A! Using the devide and Conghen method for sinding the max value, we devide the value away riducion using recursion and conquering while neturing the maximum value and at the end we find max value. The time complexity for this coole is : o (logen).