Merge Sort

↳ recursively sort 1st half of input array

↳ " " 2nd " " " "

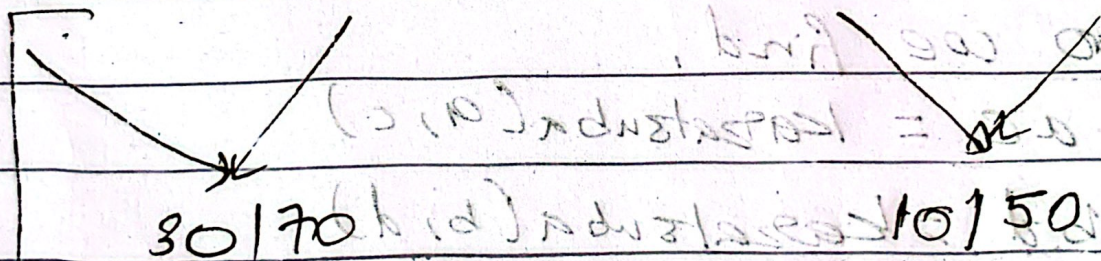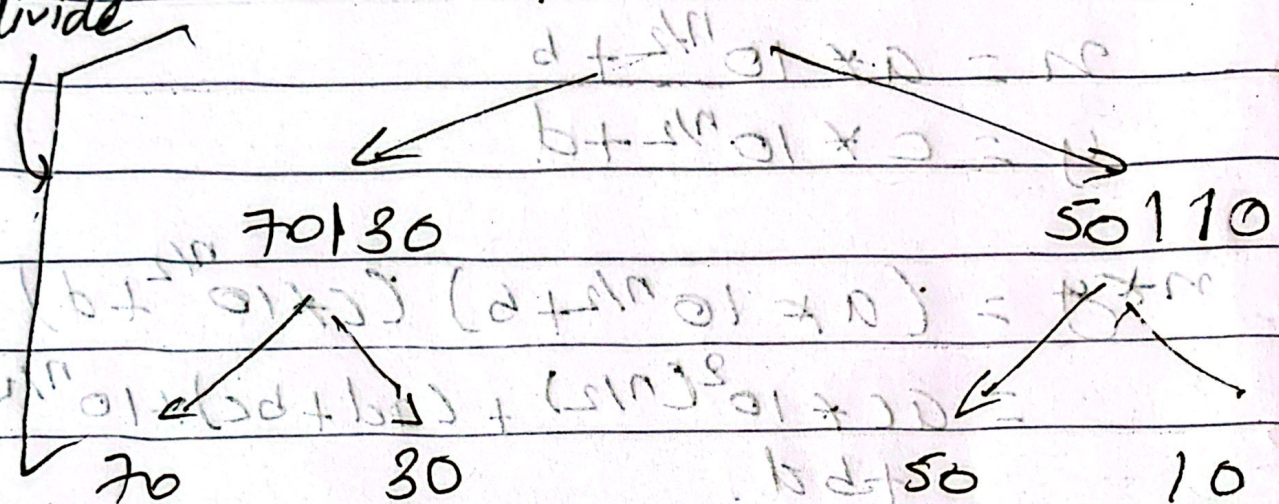↳ merge two sorted sublists into one

for eg:

unsorted array: 70|30|50|10

divide

70|30   50|10

70   30   50   10

30|70   10|50

10|30|50|70

conquer & merge