Aim - WAP to implement Merge Sort using the Divide and Conquer Strategy

Software Required – Windows , Java , java jdk , Intellij , .

Theory –

**A divide and conquer** algorithm is a strategy of solving a large problem by. breaking the problem into smaller sub-problems. solving the sub-problems, and. combining them to get the desired output. A divide-and-conquer algorithm recursively breaks down a problem into two or more sub-problems of the same or related type, until these become simple enough to be solved directly.