Quick Questions
Mergesort guarantees to sort an array in time, regardless of the input: A. Linear time B. Quadratic time C. Linearithmic time
D. Logarithmic time
2. The main disadvantage of MergeSort is: A. It is difficult to implement B. It uses extra space in proportion to the size of the input
C. It is an unstable sort D. None of the above
B. Merge sort makes use of which common algorithm strategy? A. Dynamic Programming B. Branch-and-bound C. Greedy approach D. Divide and conquer
4. Which sorting algorithm will take the least time when all elements of the input array are dentical?
A. Insertion Sort B. MergeSort C. Selection Sort D. Bogo Sort
5. Which sorting algorithm should you use when the order of input is not known?
A. Mergesort
B. Insertion sort C. Selection sort
D. Shell sort