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| **S.No.** | **Program** | **Signature** |
| 1 | Program to find total and average no. of comparisons in linear search and binary search on same input. |  |
| 2 | Program to find total no. of comparisons in bubble sort , selection sort and insertion sort on same input. |  |
| 3 | Program to find total no. of comparisons in merge sort , quick sort , randomized quick sort and heap sort on same input. |  |
| 4 | Program to sort elements using counting sort and radix sort. |  |
| 5 | Program to implement bucket sort. |  |
| 6 | Program to implement rb-trees. |  |
| 7 | Program to implement LCS. |  |
| 8 | Program to implement BFS in Graph. |  |
| 9 | Program to implement DFS in Graph. |  |
| 10 | Program to implement Minimum Spanning Tree. |  |