1. Implementation of binary search using divide and conquer method.
2. Implementation of merge and quick sort.
3. Implementation of knapsack problem.
4. Finding the cost of a minimum spanning tree.
5. Write a program of a minimum spanning tree using prims algorithm.
6. Implementation of Huffman code.
7. Write a program to find the shortest path in the graph using Dijkstra’s algorithm.
8. Write a program to implement LCS using dynamic programming.
9. Write a program to find shortest path using bellman’s ford algorithm.
10. 10.Write a program to find all pair shortest path using floyd warshall algorithm.
11. Write a program to implement an application of BFS on an undirected graph.
12. Write a program to implement an application of DFS on an undirected graph.