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| 1. **Implement depth first search algorithm. Use an undirected graph and develop a recursive algorithm for searching all the vertices of a graph or tree data structure.** |
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| 1. **Implement Breadth First Search algorithm. Use an undirected graph and develop a recursive algorithm for searching all the vertices of a graph or tree data structure.** |
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| 1. **Implement Greedy search algorithm for­ Selection Sort.** |
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| 1. **Implement Greedy search algorithm for Minimum Spanning Tree.** |
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| 1. **Implement Greedy search algorithm for Single-Source Shortest Path Problem.** |
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| 1. **Implement Greedy search algorithm for Job Scheduling Problem.** |
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| 1. **Implement Greedy search algorithm for Prim's Minimal Spanning Tree Algorithm.** |
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| 1. **Implement Greedy search algorithm for Kruskal's Minimal Spanning Tree Algorithm.** |
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| 1. **Implement Greedy search algorithm for Dijkstra's Minimal Spanning Tree Algorithm.** |
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| 1. **Implement a solution for a Constraint Satisfaction Problem using Branch and Bound and Backtracking for n-queens problem or a graph coloring problem.** |
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| 1. **Develop an elementary Chabot for any suitable customer interaction application.** |
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| 1. **Implement any one of the following Expert System.** 2. **Information management** 3. **Stock market trading** |
| 1. **Installation and configure Google App Engine.** |
| 1. **Creating an Application in SalesForce.com using Apex programming Language.** |
| 1. **Write a Java/C/C++/Python program to implement DES algorithm.** |
| 1. **Write a Java/C/C++/Python program to implement AES Algorithm.** |
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