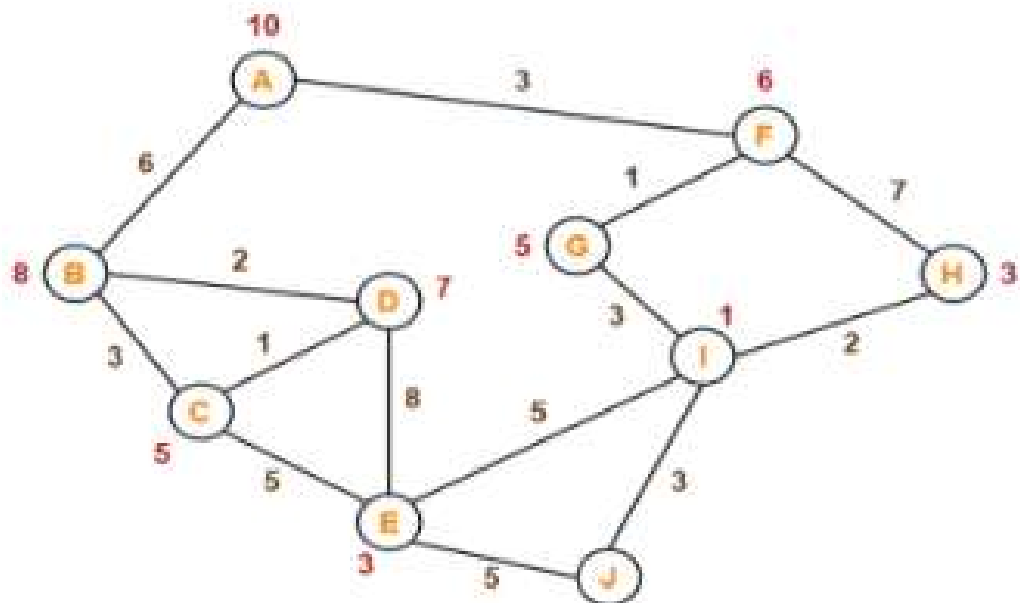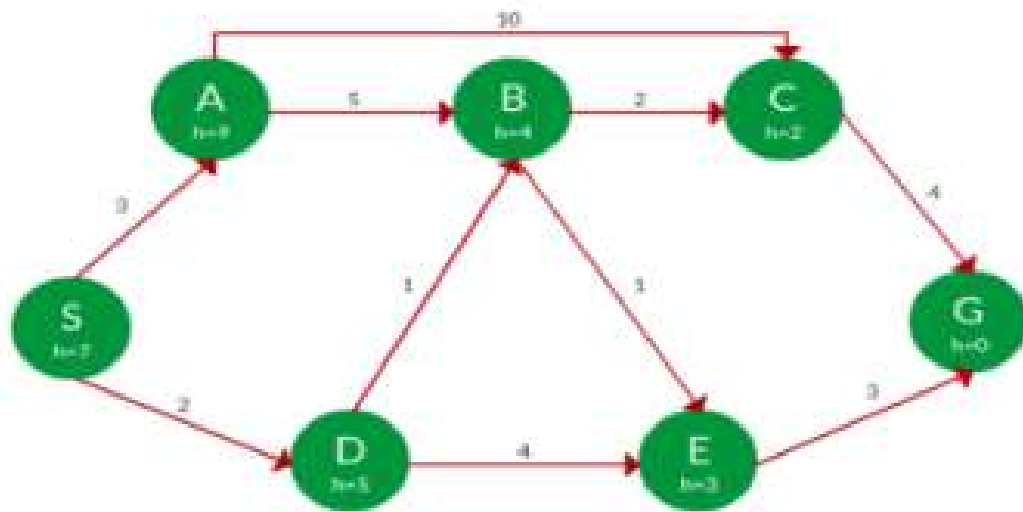# Assignment 02
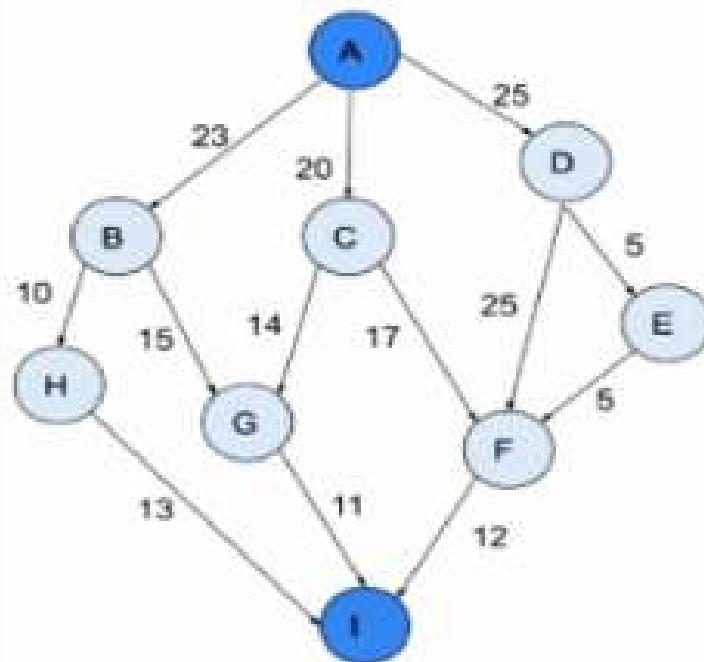
A. Apply A* search and Greedy Best First Search on the given graph to find the optimal path and the cost of the optimal path. The values in RED represent the heuristic values for each node.

B. Apply A* and Greedy Best First Search on the given graph to find the optimal path and the cost of the optimal path.

C. Using the given graph answer the following questions:

1. For the given state space graph, assign heuristic values to each node such that the heuristic values are consistent.
2. For the given state space graph, assign heuristic values to each node such that the heuristic values are admissible.
3. For the given state space graph, assign heuristic values to each node such that the heuristic values are admissible but not consistent.