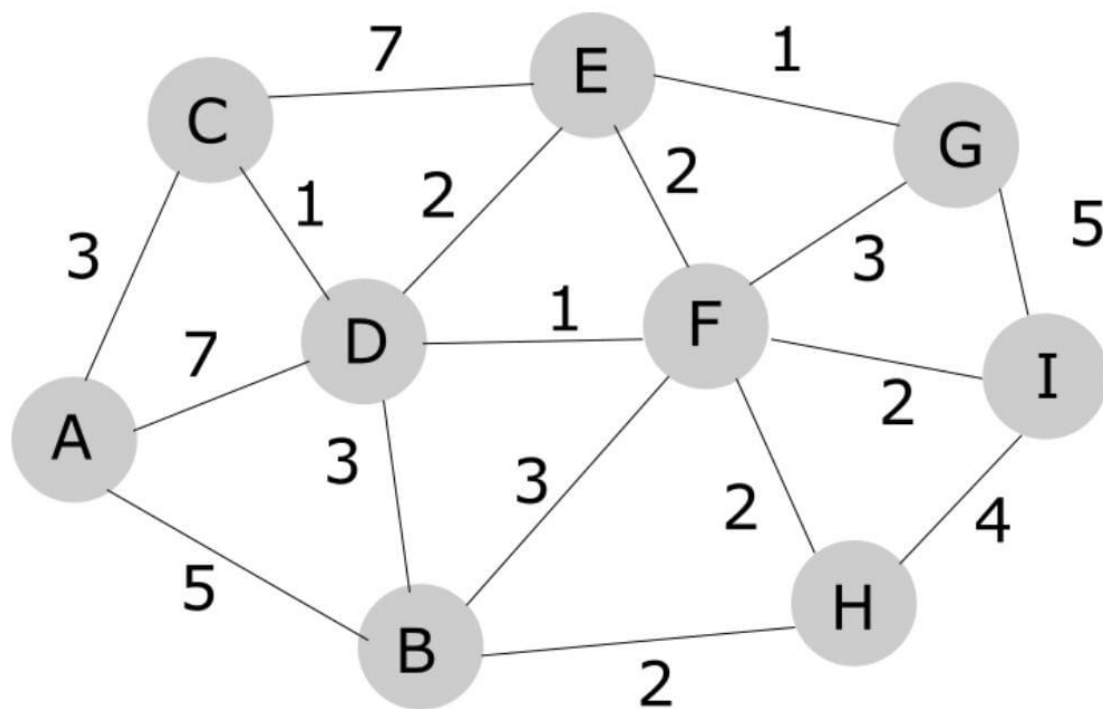# Assignment 01 A.I

Part 01

Q1: Apply Breadth-first, DFS, Iterative Deepening, and A* search on 8 Queen's Problem.

Q2. Discuss the situations where Iterative deepening and A* search algorithms give the best results.

Q3: Based on the following Figure use A* algorithm to determine the least cost path between routers A and H by showing all your calculations and methods. Draw the least cost path between routers A and H.

Part 2:

Provide a one-page summary of your semester project which includes the following

1. FR(S)
2. NFR(S)