



كلية المندسة

صرح تعليمى لريادة هندسية

برامج الساعات المعتمدة

Tutorial 3- Spring 2022

Course Code Course

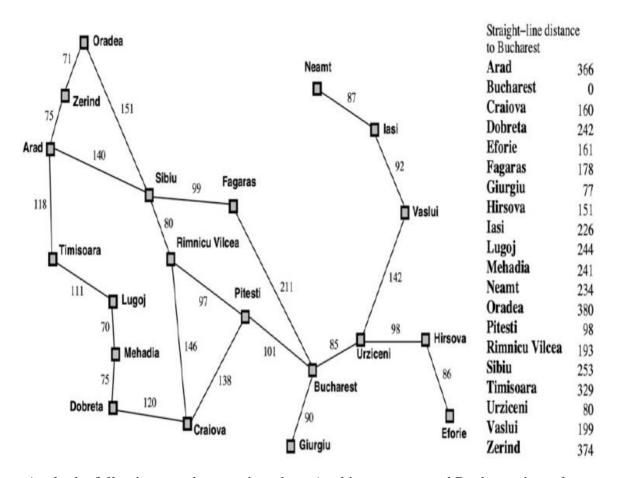
CSE 472 Artificial Intelligence Date: 26 / 3 / 2022

Instructor/s

Dr. Ammar Mohammed, Eng. Mahmoud Soheil

Sheet 3

1.



Apply the following search strategies where Arad is start state and Bucharest is goal state:

- a. Greedy best first search
- b. A* search

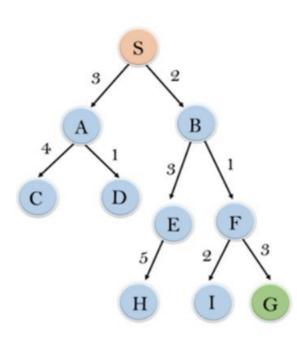


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2.



node	H (n)
A	12
В	4
С	7
D	3
E	8
F	2
Н	4
I	9
S	13
G	0

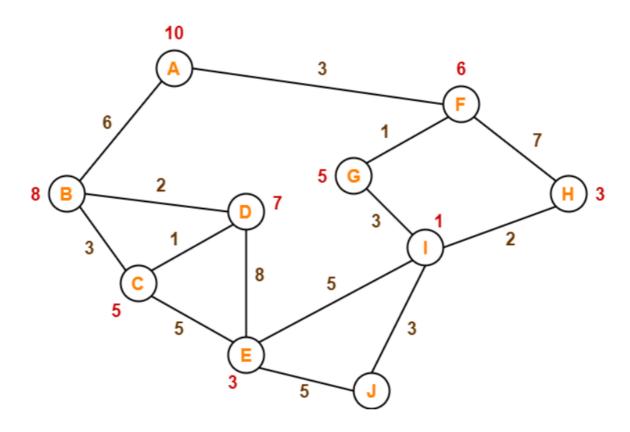
Apply the following search strategies where S is start state and G is goal state:

- a. Greedy best first search
- b. A* search



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3.



Apply the following search strategies where A is start state and J is goal state: a. Greedy best first search

- b. A* search