Required

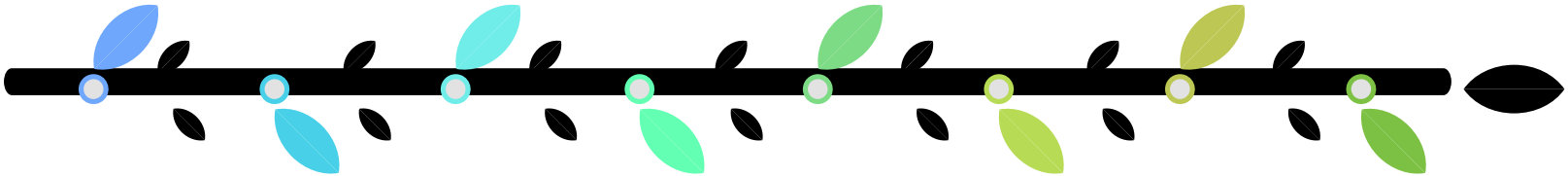
1.1 Description

Write a python program for any agent or game/application that apply any search algorithm and the output must have the complete tree.

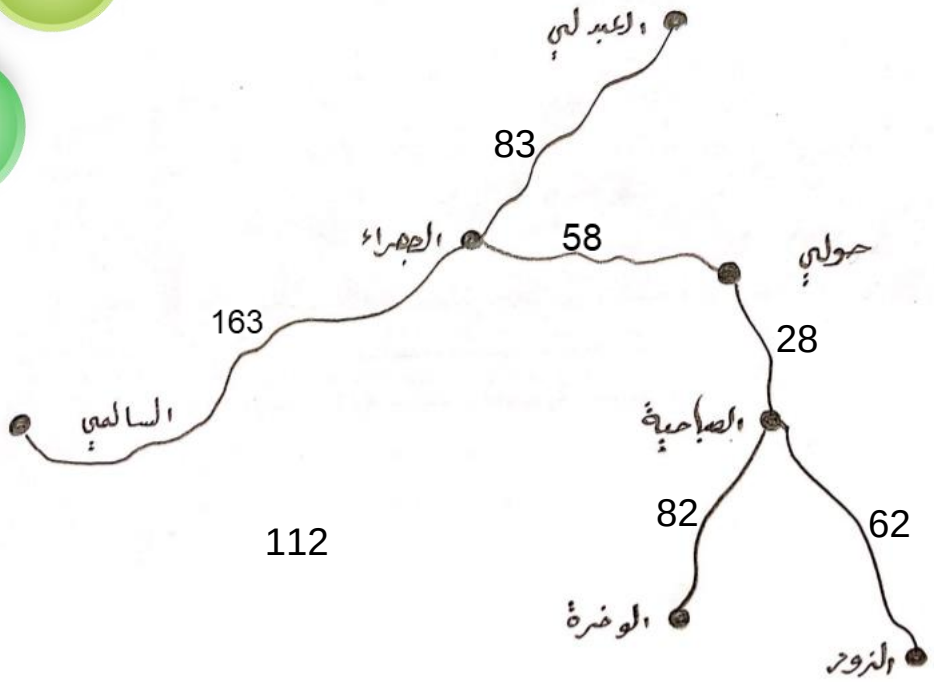
- If you decide to develop an agent, then please follow these instruction:
  - The agent has some initial percepts and actions
  - The agent receives percepts from the environment and responses with a proper action. Hence: you could use append(), insert() functions to add elements.
  - You can not use any agent that we code during the labs. You must invent a simple new agent.

General explanation
- idea -

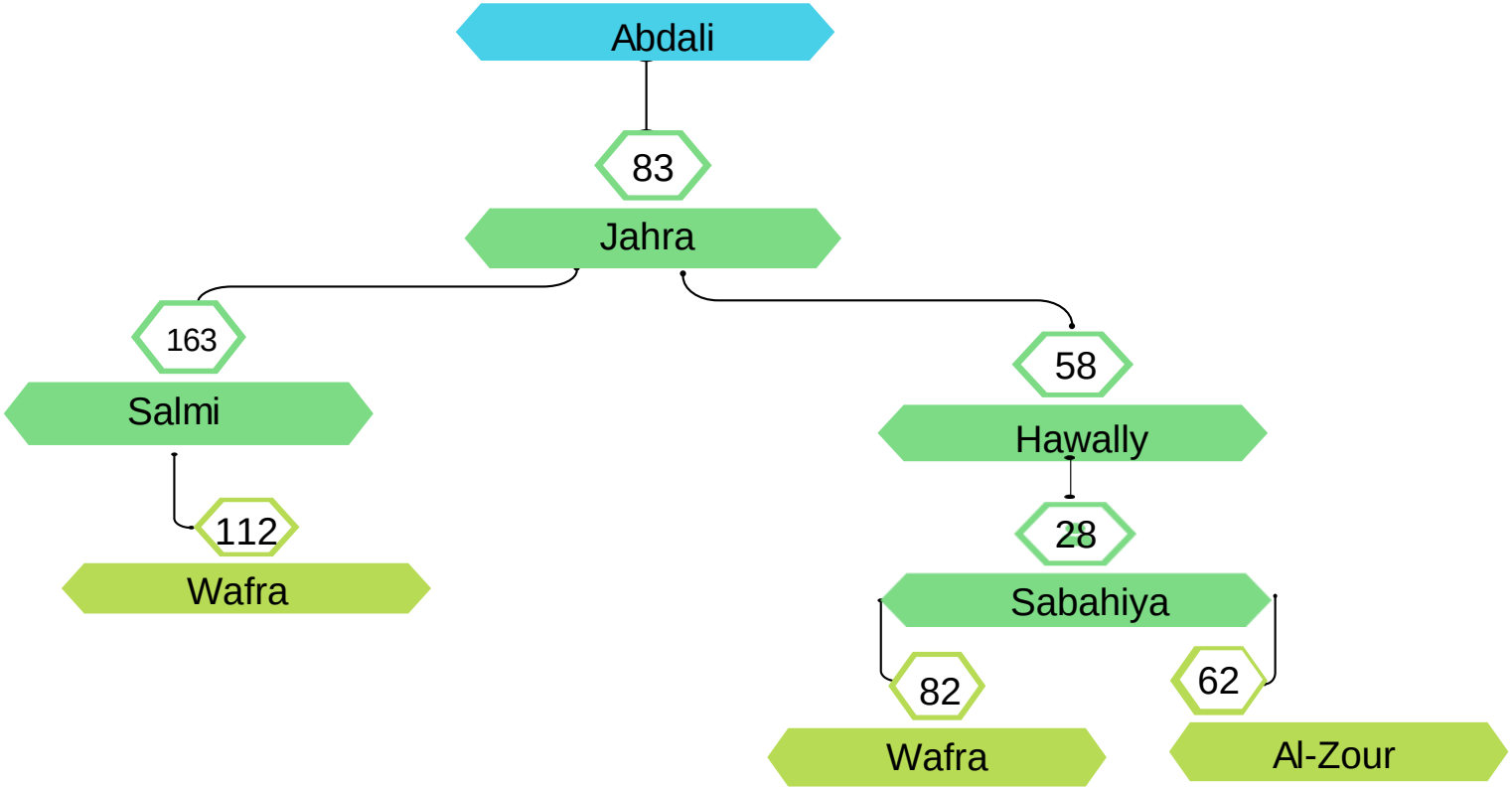
A customer from the residents of Al-Wafra ordered furniture from one of the furniture selling sites located in Abdali, and this site provides home delivery service through one of its delivery staff, and in this map the process of the delivery officer's progress will be traced from his location in Abdali to the customer's location in Wafra The initial is Abdali The goal is abundance.



The Structural Map:



Tree Diagrams



Solution

ucs		
	Fring	Visited node
1	Abdali	
2	Jahra83	Abdali
3	Hawally141, Salmi246	Abdali, Jahra
4	Sabahiya179, Salmi246	Abdali, Jahra, Hawally
5	Al-Zour231, Salmi246, Wafra251	Abdali, Jahra, Hawally, Sabahiya
6	Salmi246, Wafra251	Abdali, Jahra, Hawally, Sabahiya, Al-Zour
7	Wafra251, Wafra358	Abdali, Jahra, Hawally, Sabahiya, Al-Zour , Salmi246
8		Abdali, Jahra, Hawally, Sabahiya, Al-Zour , Salmi246, Wafra251