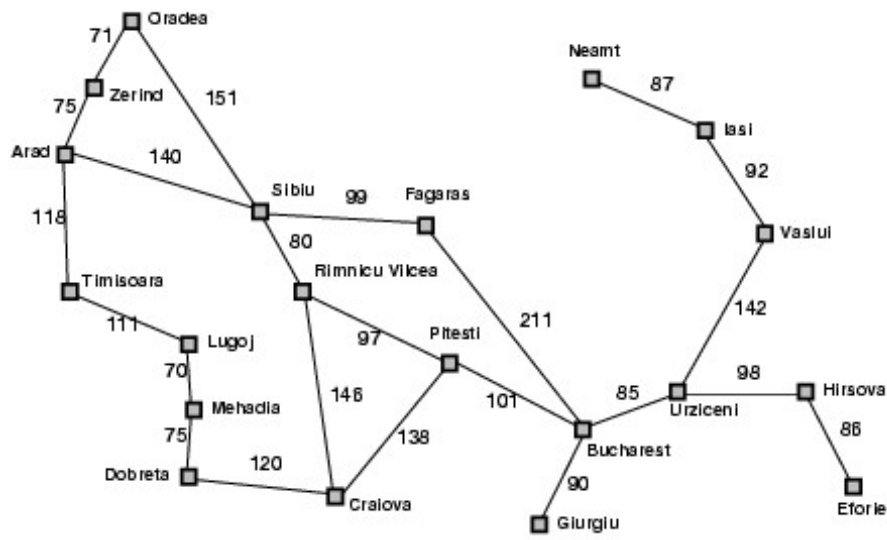


## Greedy Search



| City           | Straight-line distance to Bucharest |
|----------------|-------------------------------------|
| Arad           | 366                                 |
| Bucharest      | 0                                   |
| Craiova        | 160                                 |
| Dobreta        | 242                                 |
| Eforie         | 161                                 |
| Fagaras        | 176                                 |
| Giurgiu        | 77                                  |
| Hirsova        | 151                                 |
| Iasi           | 226                                 |
| Lugoj          | 244                                 |
| Mehadia        | 241                                 |
| Neamt          | 234                                 |
| Oradea         | 380                                 |
| Pitesti        | 10                                  |
| Rimnicu Vilcea | 193                                 |
| Sibiu          | 253                                 |
| Timisoara      | 329                                 |
| Urziceni       | 80                                  |
| Vaslui         | 199                                 |
| Zerind         | 374                                 |

Greedy Search

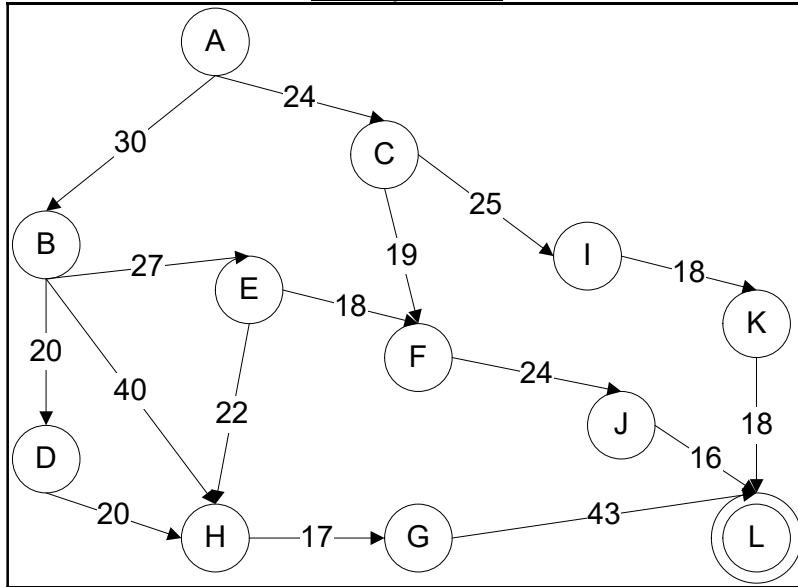


Figure 1: Graph Search

Table 1: Heuristic Value to the Objective Node L

| A  | B   | C  | D   | E  | F  | G  | H  | I  | J  | K  |
|----|-----|----|-----|----|----|----|----|----|----|----|
| 95 | 105 | 65 | 100 | 72 | 45 | 42 | 70 | 38 | 15 | 17 |