|  |  |  |
| --- | --- | --- |
| **START** | OPEN: (A, 27)  CLOSED: (Empty) | X: |
| **Iteration** **1** | OPEN: (D,25) (C,26) (B,29)  CLOSED: (A,27) | X: **A** - G: 0  - H: 27  - F: 27 |
| **Iteration** **2** | OPEN: (H,25) (C,26) (G,27) (B,29)  CLOSED: (D,25) (A,27) | X: **D** - G: 1  - H: 24  - F: 25 |
| **Iteration** **3** | OPEN: (K,26) (C,26) (J,27) (G,27) (B,29)  CLOSED: (H,25) (D,25) (A,27) | X: **H** - G: 2  - H: 23  - F: 25 |
| **Iteration** **4** | OPEN: (E,22) (F,26) (J,27) (G,27) (B,29)  CLOSED: (C,26) (K,26) (H,25) (D,25) (A,27) | X: **C** - G: 2  - H: 25  - F: 27 |
| **Iteration** **5** | OPEN: (F,26) (J,27) (G,27) (B,29) (I, 31)  CLOSED: (E,22) (C,26) (K,26) (H,25) (D,25) (A,27) | X: **E** - G: 1  - H: 25  - F: 26 |