A diagram of a network

Description automatically generated

**Chiều rộng bfs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lần lặp** | **X** | **OPEN** | **CLOSE** |
| 0 |  | [S] | Rỗng |
| 1 | S | [A, L] | [S] |
| 2 | A | [L,B,C,F] | [S,A] |
| 3 | L | [B,C,F,E] | [S,A,L] |
| 4 | B | [C,F,E,I,D] | [S,A,L,B] |
| 5 | C | [F,E,I,D,H] | [S,A,L,B,C] |
| 6 | F | [E,I,D,H] | [S,A,L,B,C,F] |
| 7 | E | [I,D,H,G] | [S,A,L,B,C,F,E] |
| 8 | I | [D,H,G] | [S,A,L,B,C,F,E] |
| 9 | D | [H,G] | [S,A,L,B,C,F,E] |
| 10 | H | [G] | [S,A,L,B,C,F,E] |
| 11 | G | RỖNG |  |

**Chiều sâu bfs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Lần lặp** | **X** | **OPEN** | **CLOSE** |
| 0 |  | [S] | Rỗng |
| 1 | S | [A, L] | [S] |
| 2 | A | [B, C, F , L] | [A ,S] |
| 3 | B | [i, D, C, F , L] | [B, A ,S] |
| 4 | i | [D, C, F , L] | [B, A ,S] |
| 5 | D | [C, F , L] | [B, A ,S] |
| 6 | C | [H, F , L] | [C, B, A ,S] |
| 7 | H | [F , L] | [C, B, A ,S] |
| 8 | F | [L] | [F, C, B, A ,S] |
| 9 | L | [E] | [L, F, C, B, A ,S] |
| 10 | E | [G] | [E, L, F, C, B, A ,S] |
| 11 | G | RỖNG |  |

**BFS best first search**

A diagram of a network

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
| **Lần lặp** | **Diểm xét** | **OPEN** | **CLOSED** |
| 0 | - | A10 | - |
| 1 | A10 | B6, C6 | A10 |
| 2 | B6 | D5, C6, E8 | A10, B6 |
| 3 | D5 | F1, C6, E8 | A10, B6, D5 |
| 4 | F1 | G0, C6, E8 | A10, B6, D5, F1 |
| 5 | G0 | C6, E8 | A10, B6, D5, F1 |
| 6 | C6 | E8 | A10, B6, D5, F1, C6 |
| 7 | E8 |  |  |