Jesse Reid CSC6013 E#3

an adjacency list of edges with triplets, with neighbors of each vertex in alphabetical order.

```
E = [
    ["A", "E", 1], ["A", "H", 1],
    ["B", "A", 1],
    ["C", "F", 1], ["C", "G", 1],
    ["D", "A", 1], ["D", "E", 1],
    ["E", "C", 1],
    ["F", "D", 1], ["F", "E", 1],
    ["G", "B", 1], ["G", "E", 1],
    ["H", "D", 1]
]
```

```
Python 3.12.0 (v3.12.0:0fb18b02c8, Oct  2 2023, 09:45:56) [Clang 13.0.0 (clang-1300.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

===== RESTART: /Users/jreid/Documents/JLR_dev_code/merrimack/CSC6013/E3.py =====
Vertex A visited [0, -1, -1, -1, -1, -1, -1, -1]
Vertex A visited [0, -1, -1, -1, 1, -1, -1, -1]
Vertex A visited [0, -1, -1, -1, 1, -1, -1, 2]
```

Vertex A visited [0, -1, 3, -1, 1, -1, -1, 2]

Vertex A visited [0, -1, 3, 4, 1, -1, -1, 2]

Vertex C dequeued ['C', 'D']

Vertex A visited [0, -1, 3, 4, 1, 5, -1, 2]

Vertex A visited [0, -1, 3, 4, 1, 5, 6, 2]

Vertex B enqueued ['G', 'B']

Vertex A visited [0, 7, 3, 4, 1, 5, 6, 2]