Jesse Reid CSC6013 E#4

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/E4.py =====
Vertex A visited and received the stamp 1
V array: [0, -1, -1, -1, -1, -1, -1, -1]
Vertex A visited and received the stamp 2
V array: [0, -1, -1, -1, 1, -1, -1, -1]
Vertex A visited and received the stamp 3
V array: [0, -1, 2, -1, 1, -1, -1, -1]
Vertex A visited and received the stamp 4
V array: [0, -1, 2, -1, 1, 3, -1, -1]
Vertex A visited and received the stamp 5
V array: [0, -1, 2, 4, 1, 3, -1, -1]
Vertex A visited and received the stamp 6
V array: [0, -1, 2, 4, 1, 3, 5, -1]
Vertex A visited and received the stamp 7
V array: [0, 6, 2, 4, 1, 3, 5, -1]
Vertex A visited and received the stamp 8
V array: [0, 6, 2, 4, 1, 3, 5, 7]
DFS called for vertex A