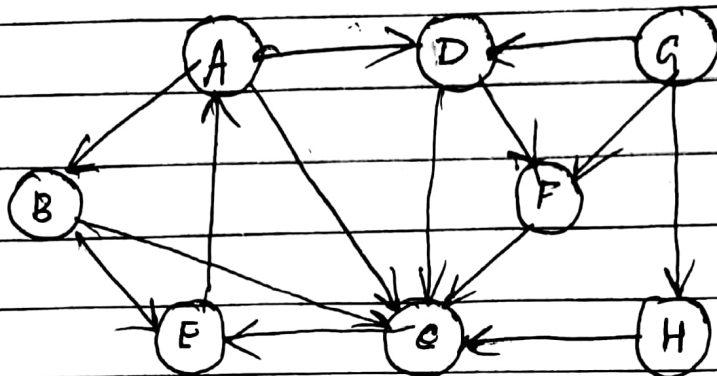


2)

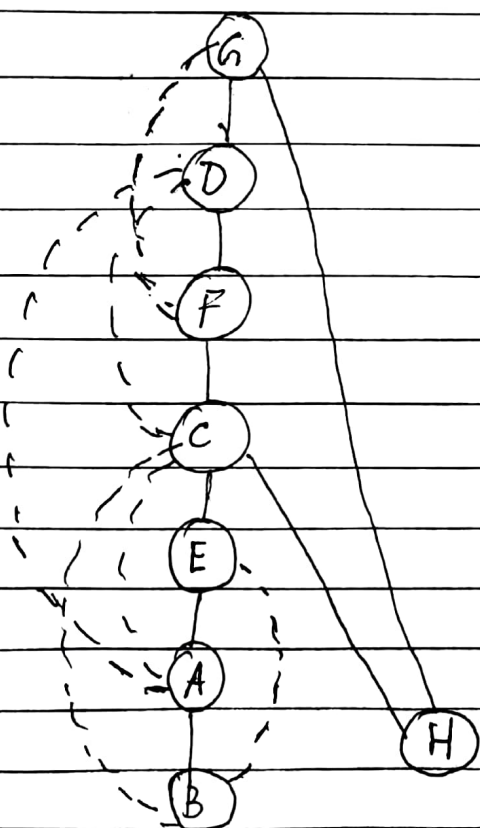


DFS traversal: ~~G~~ ~~D~~ ~~F~~ C E A B H

Stack:

B 7, 2
 A 6, 3
 E 5, 4
 C 4, 5
 F 3, 6
 D 2, 7
 G 1, 8 H 8, 1

Output Graph



BFS traversal: G D F H c E A B

BFS Queue: $G_1, D_2, F_3, H_4, C_5, E_6, A_7, B_8$

Output graph:

