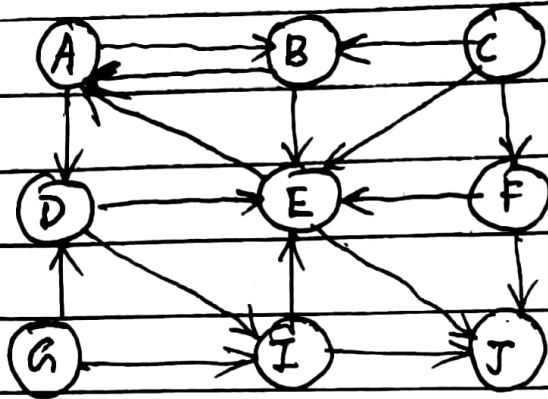


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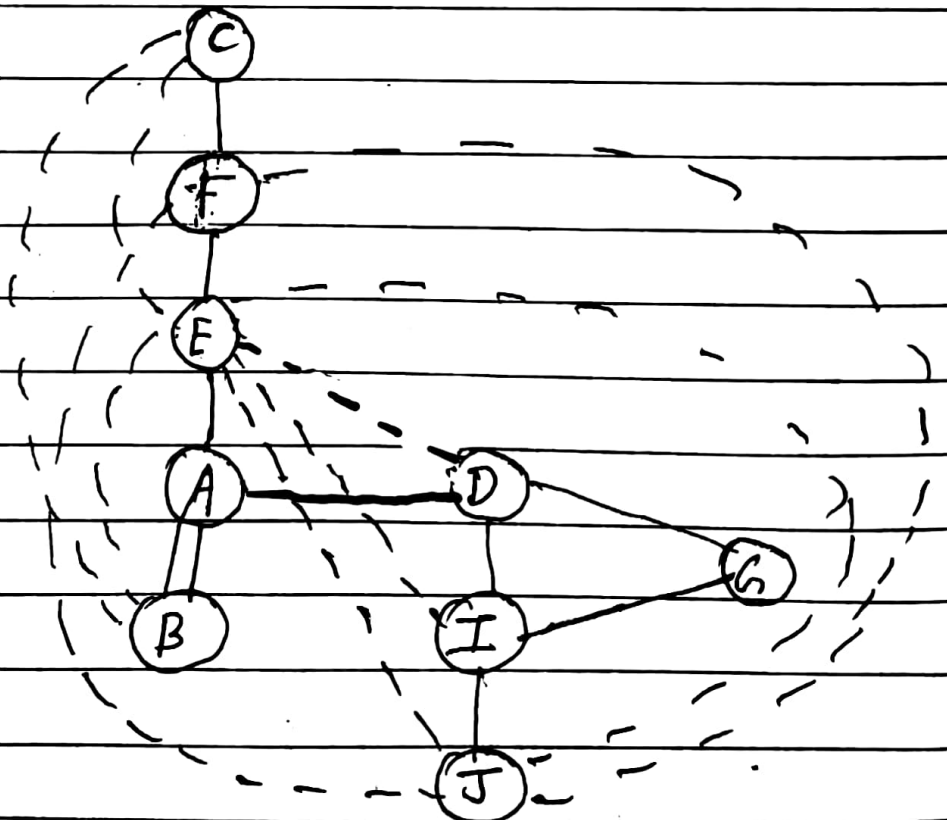


DFS traversal: C F E A B D I J G

Stack traversal :

B	5, 3	
A	4, 4	
E	3, 5	J 8, 2
F	2, 8	I 7, 3
C	1, 9	D 6, 4      G 9, 1

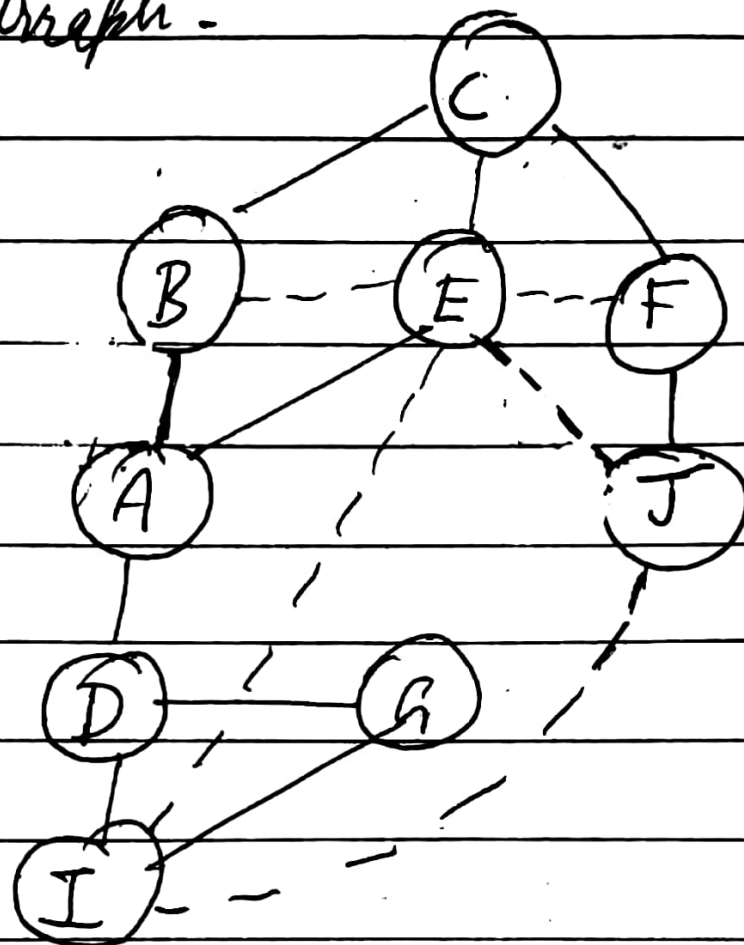
### Output Graph



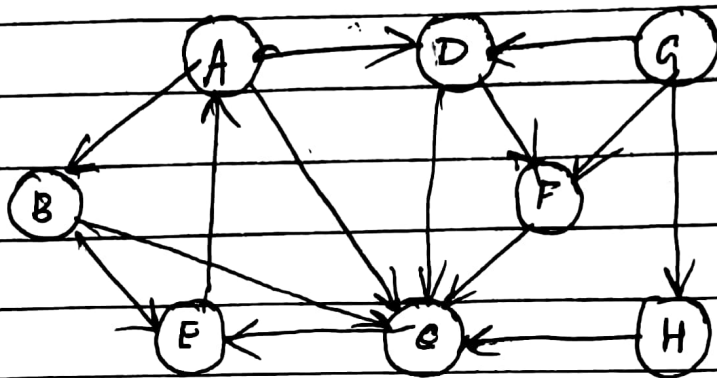
BFS traversal: C B E F A J D I G

Queue : C<sub>1</sub> B<sub>2</sub> **E<sub>3</sub>** F<sub>4</sub> A<sub>5</sub> J<sub>6</sub> D<sub>7</sub> I<sub>8</sub> G<sub>9</sub>

Output Graph:



2)

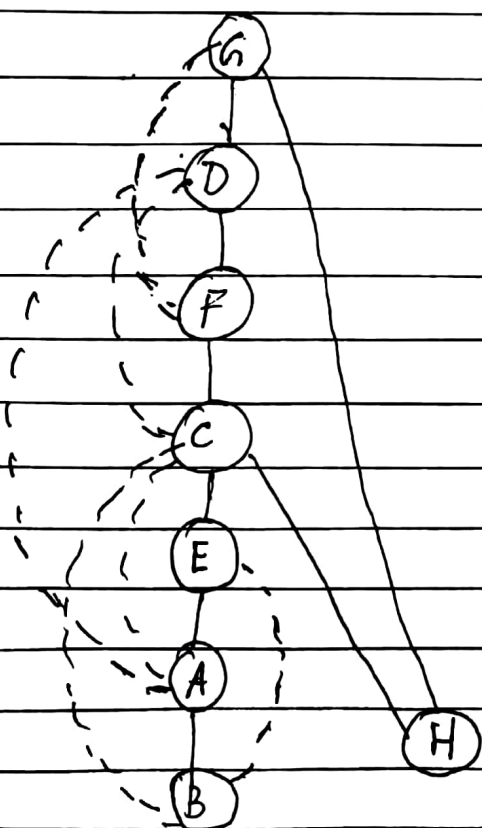


DFS traversal: G D F C E A B H

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:

