

2 DFS traversal

Stack

e_{4,1}
c_{3,2}
b_{2,3}
a_{1,6}

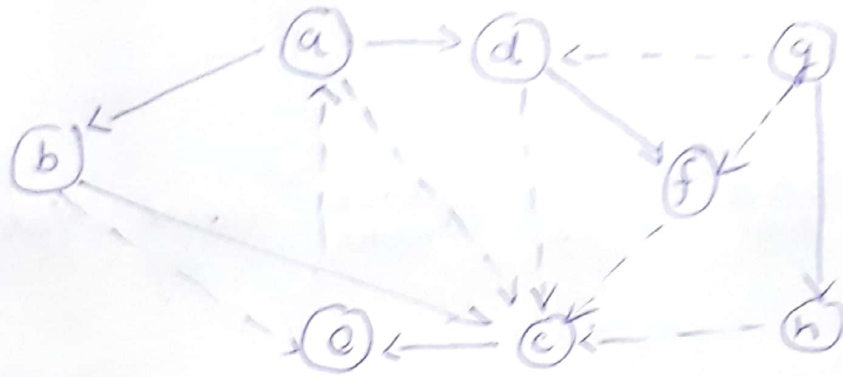
f_{6,4}
d_{5,5}

h_{8,7}
g_{7,8}

traversal

a b c c d f g h

Graph

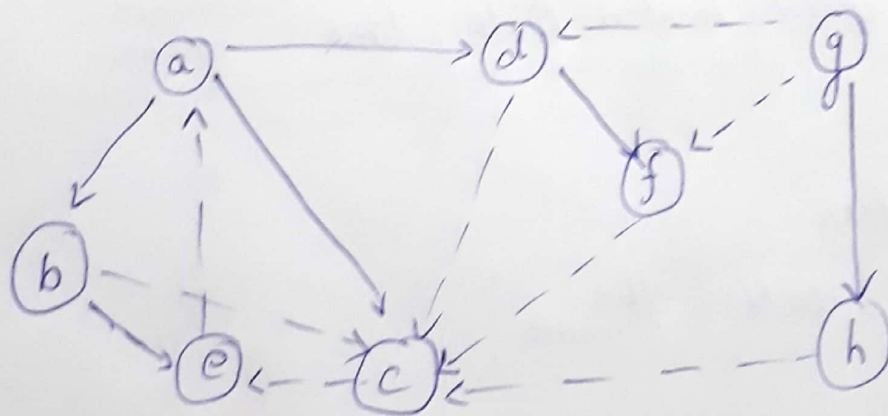


BFS traversal

Queue

a₁ b₂ c₃ d₄ e₅ f₆ g₇ h₈

Traversal a b c d e f g h



1. Stack

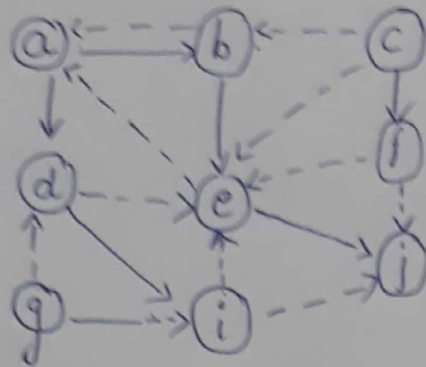
$j_4, 1$
 $e_3, 2$
 $b_2, 3$
 $a_1, 6$

$i_6, 4$ $f_8, 7$
 $d_5, 5$ $c_7, 8$ $g_9, 9$

DFS traversal

$a, b, e, j, d, i, c, f, g$

graph



BFS traversal

Queue $a_1, b_2, d_3, e_4, i_5, j_6, c_7, f_8, g_9$

BFS traversal $a, b, d, e, i, j, c, f, g$

graph

