

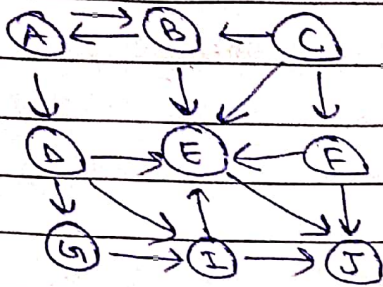
15/04/2020

DATE:

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Q1

BFS & DFS Traversal



DFS traversal or stack traversal

A B E J D I C F G

Stack traversal

G 9, 11

F 8, 9

C 7, 10

I 6, 5

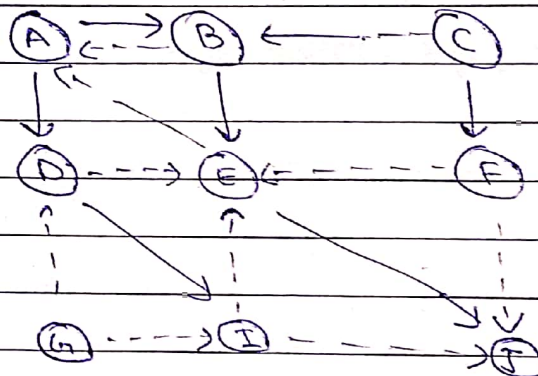
D 5, 6

J 4, 1

E 3, 2

B 2, 3

A 1, 7

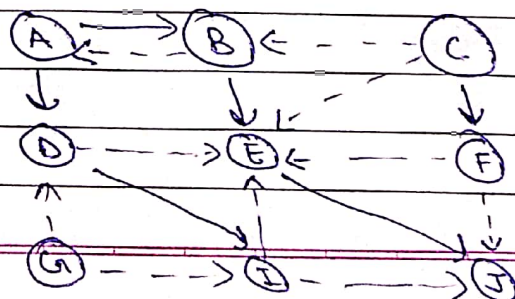


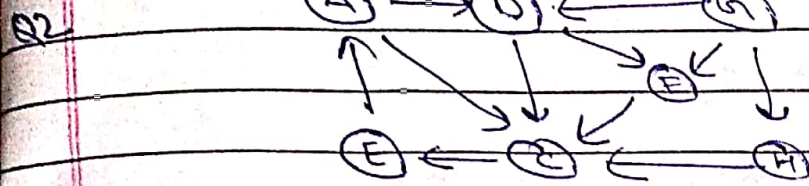
BFS traversal

A B D E I J C F G

Queue traversal

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





DFS traversal

H 8, 7

G 7, 8

F 6, 4

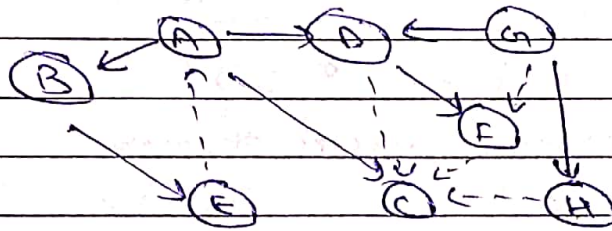
D 5, 5

C 4, 3

E 3, 1

B 2, 3

A 1, 6



BFS

A<sub>1</sub> B<sub>2</sub> C<sub>3</sub> D<sub>4</sub> E<sub>5</sub> F<sub>6</sub> G<sub>7</sub> H<sub>8</sub>