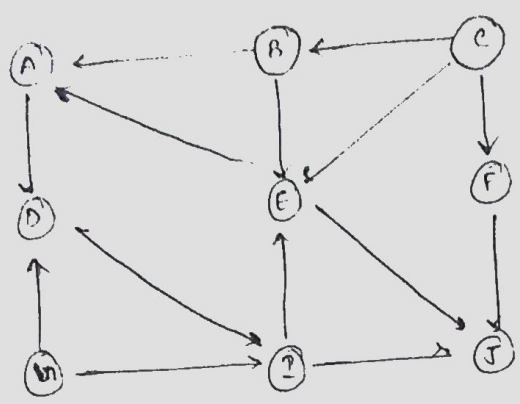


# BFS and DFS traversals.



DFS traversal or stack traversal

A B E J D I C F G

stack traversal.

G<sub>9,11</sub>

F<sub>8,9</sub>

C<sub>7,10</sub>

I<sub>6,5</sub>

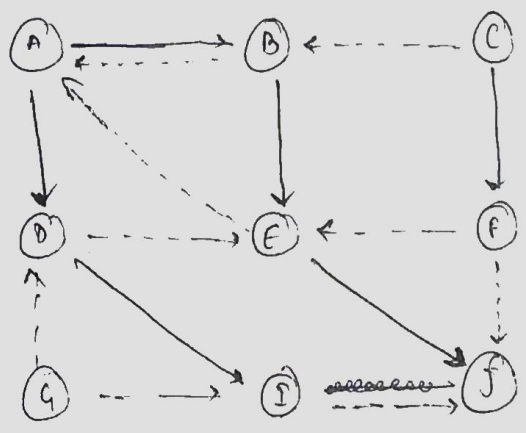
D<sub>5,6</sub>

J<sub>4,1</sub>

E<sub>3,2</sub>

B<sub>2,3</sub>

A<sub>1,7</sub>

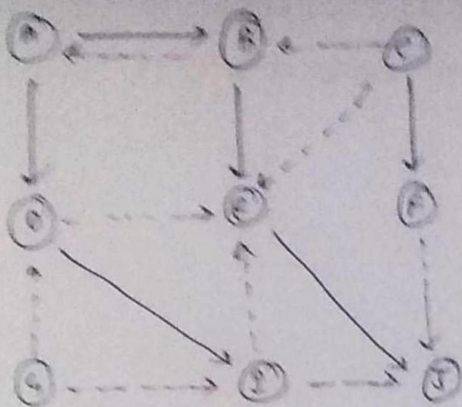


BFS traversal

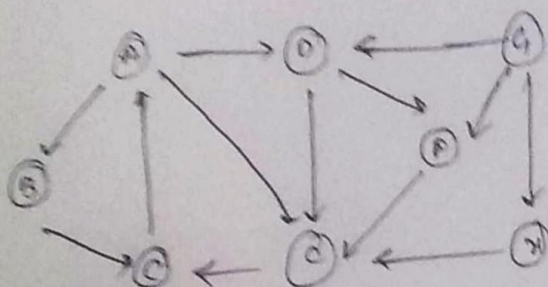
A B D E I J C F G

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>



2



DFS traversal

11, 8, 7

6, 7, 8

6, 4

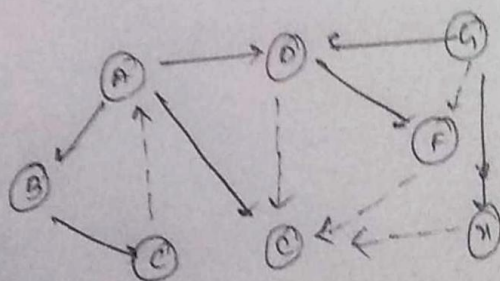
5, 5

4, 2

3, 1

2, 3

1, 6



DFS

A, B, 2, 3, D, 4, E, 5, F, 6, G, 7, 11, 8

