

₩ 0 → 1,2 1 → 0,2,3 2 → 0,1,4 3 ¬ 1,4 4 → 2,3

s connected list murdirected graph.)
Adjacency list.

Heratims.

start 0 vis = [7 Q= [0] Algorithm

visia <

1. Tagest the start Node? 2. While 9 has elements. i. pop left.

> 11. Insert the unvisited neighbors, mark each of them visited

(2)
$$vis = [0]$$

$$Q = [1,2]$$
(3) $vis = [0,1]$

$$Q = [2,3]$$

$$Q = [2,3]$$

$$Q = [2,3]$$

$$Q = [3,4]$$
(5) $vis = [0,1,2,3]$

$$Q = [4]$$

6) v13 = [0,1,2,5,4] When A empty, return
Q = [7]