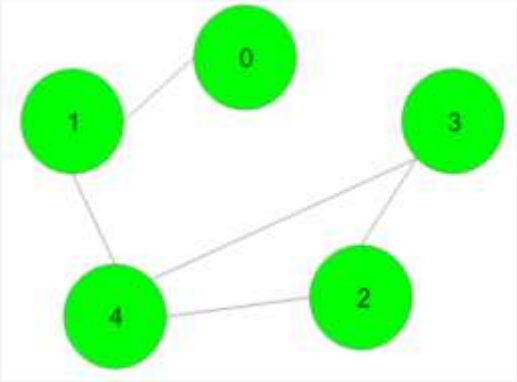
Articulation Point

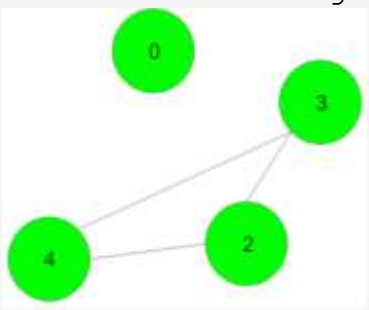
Given an undirected connected graph with **V** vertices and adjacency list **adj**. You are required to find all the vertices removing which (and edges through it) disconnects the graph into 2 or more components.
Note: Indexing is zero-based i.e nodes numbering from (0 to V-1). There might be loops present in the graph.

Example 1:

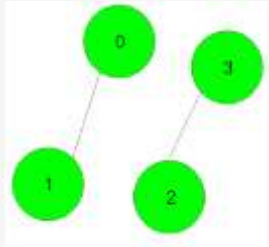
Input:



Output: {1,4}
Explanation: Removing the vertex 1 will disconnect the graph as-



Removing the vertex 4 will disconnect the Graph as



Your Task:
You don't need to read or print anything. Your task is to complete the function **articulationPoints()** which takes V and adj as input parameters and returns a list containing all the vertices removing which turn the graph into two or more disconnected components in sorted order. If there are no such vertices then returns a list containing -1.

Expected Time Complexity: O(V + E)
Expected Auxiliary Space: O(V)

Constraints:
$1 \leq V \leq 10^5$