Euler circuit and Path

An **Eulerian Path** is a path in graph that visits every edge exactly once and it starts and ends up at different indexes. **An Eulerian Circuit** is **an Eulerian Path** which starts and ends on the same vertex. Given an **undirected acyclic graph** with **V** nodes, and **E** edges, with adjacency list **adj,** return 2 if the graph contains an **eulerian circuit**, else if the graph contains an **eulerian path,** return 1, otherwise, return 0.
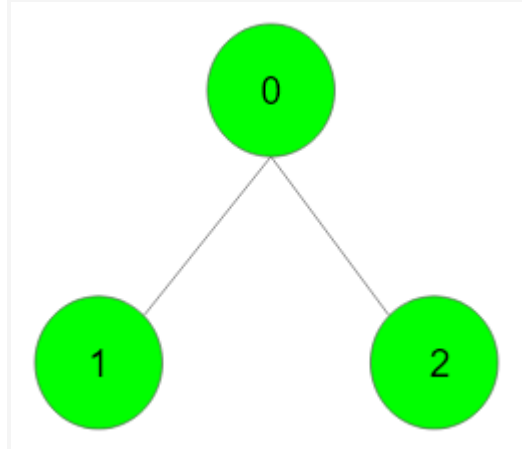
Example 1:

Input:
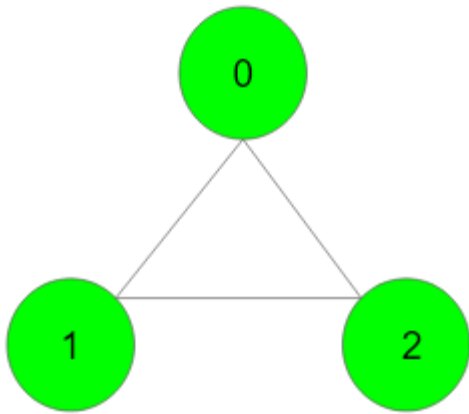
Output: 2

Explanation:
Following is an eulerian circuit in the mentioned graph
1 -> 2 -> 0 -> 1

Example 2:

Your Task:

You don't need to read or print anything. Your task is to complete the function **isEulerCircuilt()** which takes number of vertices in the graph denoted as **V** and an adjacency list of graph denoted as **adj** and returns 2 if the graph contains an **eulerian circuit**, else if the graph contains an **eulerian path,** it returns 1, otherwise, it will return 0.

Expected Time Complexity: O(V+E) where E is the number of edges in graph.
Expected Space Complexity: O(V)

Constraints:
$1 \le V, E \le 10^4$
$1 \le adj[i][j] \le V-1$