1971. Find if Path Exists in Graph

Easy

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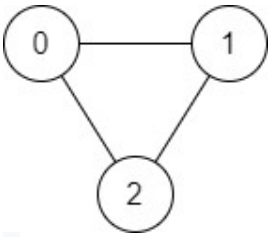
There is a **bi-directional** graph with n vertices, where each vertex is labeled from 0 to n - 1 (**inclusive**). The edges in the graph are represented as a 2D integer array edges, where each edges[i] = [ui, vi] denotes a bi-directional edge between vertex ui and vertex vi. Every vertex pair is connected by **at most one** edge, and no vertex has an edge to itself.

You want to determine if there is a **valid path** that exists from vertex source to vertex destination.
Given edges and the integers n, source, and destination, return true *if there is a **valid path** from* source *to* destination*, or* false *otherwise.*

Example 1:

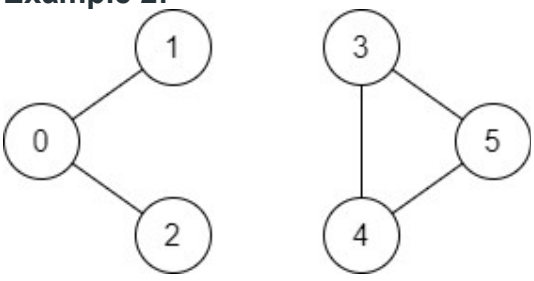


Input: n = 3, edges = [[0,1],[1,2],[2,0]], source = 0, destination = 2

Output: true

Explanation: There are two paths from vertex 0 to vertex 2:
- 0 → 1 → 2
- 0 → 2

Example 2:



Input: n = 6, edges = [[0,1],[0,2],[3,5],[5,4],[4,3]], source = 0, destination = 5

Output: false

Explanation: There is no path from vertex 0 to vertex 5.

Constraints:

- 1 <= n <= 2 * 105
- 0 <= edges.length <= 2 * 105
- edges[i].length == 2
- 0 <= ui, vi <= n - 1
- ui != vi
- 0 <= source, destination <= n - 1
- There are no duplicate edges.
- There are no self edges.

Accepted
84,782
Submissions
168,917

From <https://leetcode.com/problems/find-if-path-exists-in-graph/>