

## 207. Course Schedule

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There are a total of `numCourses` courses you have to take, labeled from `0` to `numCourses - 1`. You are given an array `prerequisites` where

- For example, the pair `[0, 1]`, indicates that to take course `0` you have to first take course `1`.

Return `true` if you can finish all courses. Otherwise, return `false`.

### Example 1:

**Input:** `numCourses = 2, prerequisites = [[1,0]]`  
**Output:** `true`  
**Explanation:** There are a total of 2 courses to take.  
To take course 1 you should have finished course 0. So it is possible.

### Example 2:

**Input:** `numCourses = 2, prerequisites = [[1,0],[0,1]]`  
**Output:** `false`  
**Explanation:** There are a total of 2 courses to take.  
To take course 1 you should have finished course 0, and to take course 0 you should also have finished course 1. So it is impossible.

### Constraints:

- `1 <= numCourses <= 2000`
- `0 <= prerequisites.length <= 5000`
- `prerequisites[i].length == 2`
- `0 <= ai, bi < numCourses`
- All the pairs `prerequisites[i]` are **unique**.

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[Yes](#) [No](#)

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