

CSE 204
Online 1: Graph
Date: 21/01/2023
Time: 30 minutes

Task : Detect if a given directed graph has a cycle or not

Input: The first line of the input file will contain the number of vertices n (≤ 1000) and the number of edges m (≤ 10000) followed by m lines each containing origin u , end v of an edge of the directed graph.

Output: Yes (if the graph has a cycle) No (otherwise)

Sample I/O:

```
6 6
0 1
0 2
1 3
3 4
4 5
5 3
```

Output: Yes