

AAD Midterm 2

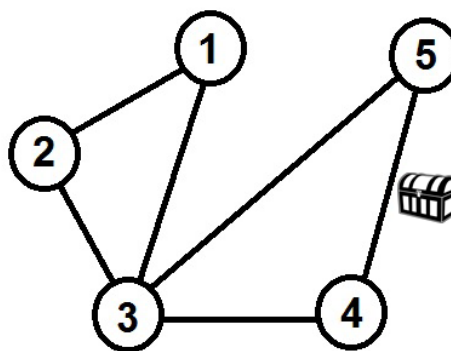
Treasure Island:

You and your friend went on a trip to group of islands. Formally there are **N** islands and they are connected by **M** bridges.

You want to get the treasure to and get back to your friend. In the middle of some bridges you can find the treasure. But the problem is bridges are too weak and they collapse right after he passes through it.

Initially you are on island **i** and your friend on island **j**.

Determine whether you can make it or not.



Sample	
Input	Output
5 6 1 2 0 2 3 0 3 1 0 3 4 0 4 5 1 5 3 0 1 2	YES

Note:

- Possible path: $1 \rightarrow 3 \rightarrow 5 \rightarrow 4 \rightarrow 3 \rightarrow 2$

Good luck

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