

Laboratory – Topological Sort

Write an application to output a topologically ordered list of tasks/events

Input format

The supplied data file will be formatted as

line 1: number of tasks/events (**n**)

n lines of descriptions for each task/event first task/event is numbered 0

all remaining lines are src → dst pairs

Output format

A list of the descriptions (one per line) in a order which satisfies all the prerequisites.

SAMPLE INPUT	SAMPLE OUTPUT
3 go ready set 1 2 2 0	ready set go