

understanding the intuition :-

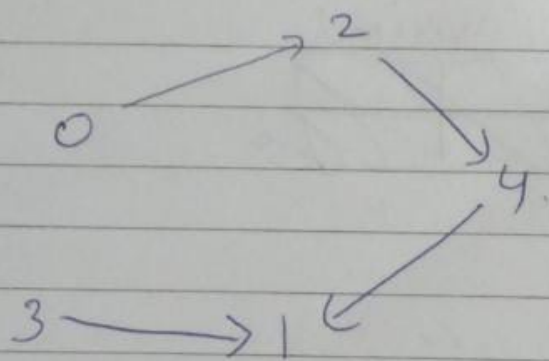
Course Schedule explanation

eg, 1. numCourses = 5

i.e 0, 1, 2, 3, 4 (are courses).

prerequisites[] = { (0, 2) (2, 4), (4, 1) (3, 1)

question is: Can we complete all the courses; so let's take, suppose each course as a node of directed graph.



if a student starts from 1 then completes 3, 4 then 2 then 0.

Yes, he can complete all

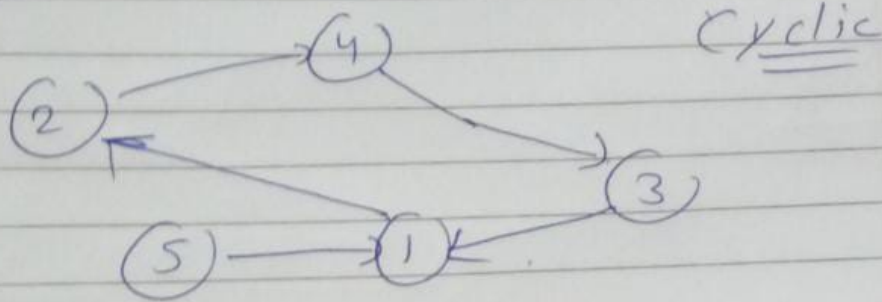
Course

eg. 2. numCourses = 6.

i.e 0, 1, 2, 3, 4, 5

prerequisites = { (2, 4), (5, 1), (3, 1), (4, 3),
(1, 2) }.

Do :-



want to comp.

So lets say student ~~start with~~ 2.

for that he need 4 for 4 he needs 3

for 3 he needs 1 for 1 he need 2

& this never end

Coz there is 'Cycle' in graph

to call

No can't complete
courses.