![Graphical user interface, text, application

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Problem statement

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Here how b d a c comes:

Explanation how:

Here given abc and acc now here explain here a is same but b<c hence abc is smaller.

Hence baa and abcd here b of baa and a abcd is in given order and hence order of b is greater than a.

B<a here.

At abcd and abca here d <a as abcd come first.

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Like this will come for the rest of them. Here we need this as a sequence.

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Here we can take left list as adj list and make run as topological sort. We learnt only BFS topo sort but here we will use DFS topo sort.

Now how toposort with DFS works.

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consider

consider a it starts from a go to c from nowhere c add to vector, a return a nowhere it can go add a to vector.

Two different loops.

Now start from b b to a to c c from nowhere c add to vector and a nowhere a add to vector. B to d, d to a, a already visited hence d nowhere add d to vector then b

Code:

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We use 2d matrix of size k as like adj list and break to create a unique directed graph.

Consider bb aa 2 diff word in dictionary b will point to 2 diff a.