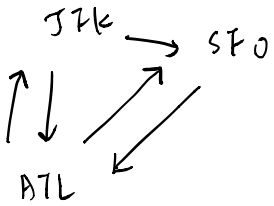

1. construct graph from edges

2. do dfs on graph

   for each visit

   - visit its neighbor and delete each edge.
   - when all dependecies are resolved, put itself into output.

3. reverse the output.

A directed graph has a closed Euler tour iff

1. for each vertex, the difference between in-degree and out-degree is 0.

   except for the end points.

2. strongly connected.

algorithm to construct Euler tour:

1. use dfs to follow the path until the vertex has no other paths to go. then put the vertex to output.
2. the back tracking path will be the Euler tour.