seconstruct Itinerary: Hard Sum.

Goal: Start from JFK and, cover the soute (tor all ticket) in lexical order (it we have multiple choice from point).

Return the order of travel.

cases:

i. Ticket are only I way. that mean directed graph.

 $A \rightarrow B / A - B \times$

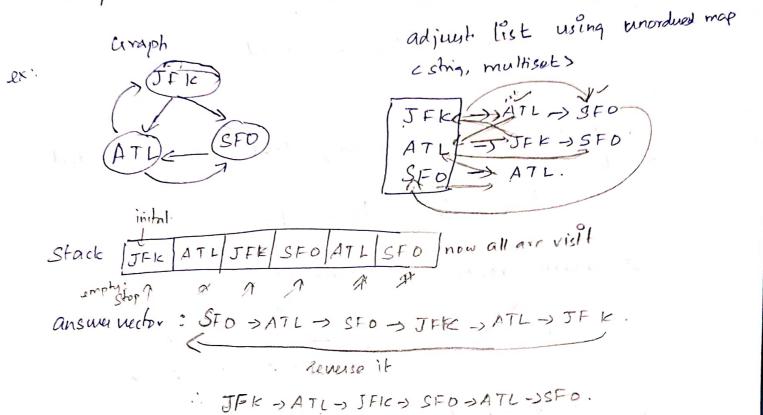
2. Return route with smallest lexical ordu.

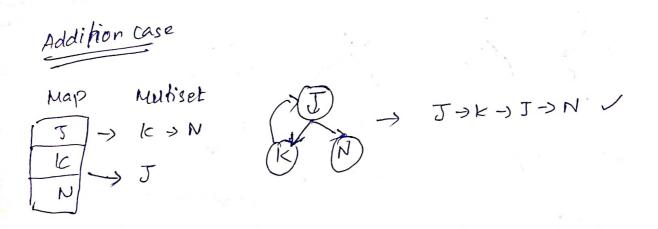
3. All ticleit form a valid route (graph must single componen

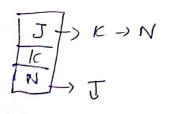
4. all ticket use only onces.

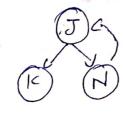
choice of DS

- Mulfiset -> keep value arranged
- > For D(1) search time tor quen kep. 2) Map
 - 3) Stack -> used to transmet.
- 4) Strig vector > Store tinal answer & reversed it









But here x [J-> K) > dead state. a cart read right part. So that now u conside valid root tirst and then lixical order. : (ナウハウナンド)