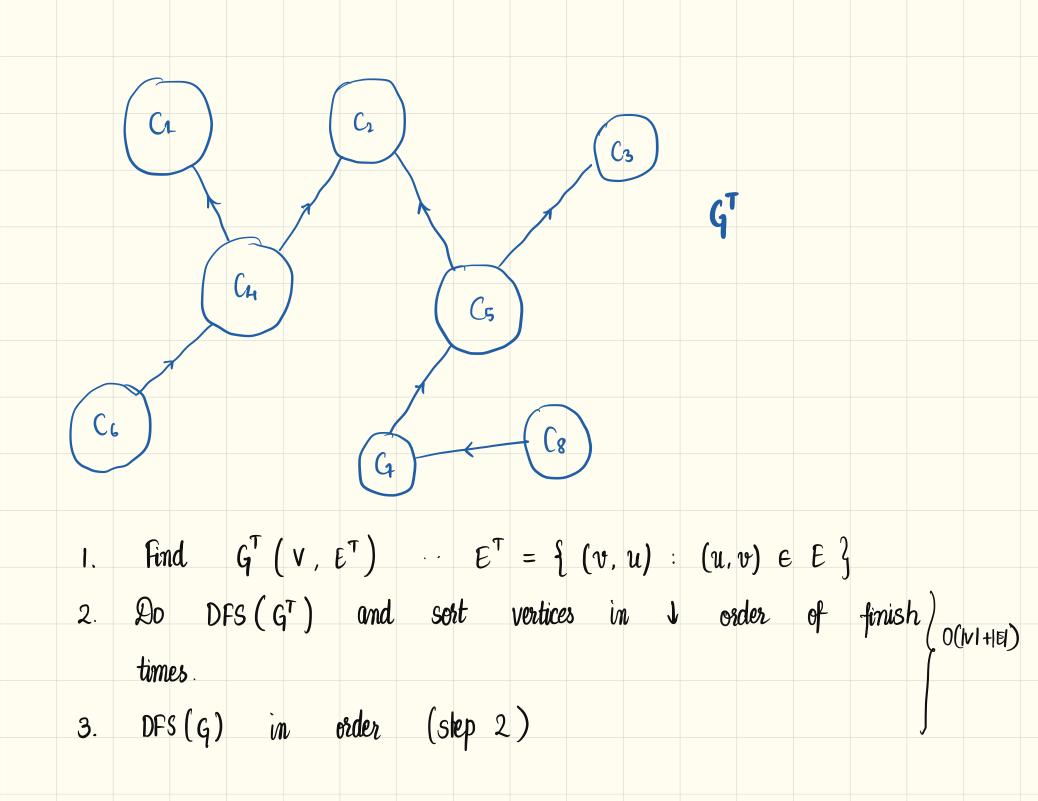


Want: a sequence of vertices in which the first vertex is from a sink component.

ObservationInaDFS, thevertextofinishlast isfrom asourcecomponent.



## The Single Source Shortest Path Problem

- -> Slides
- -> Shortest path need not have the fewest no. of edges.
- → Google Maps
- -> Negative edges
- $\rightarrow$  Negative cycles need to be handled

