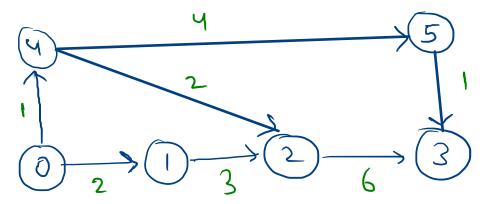
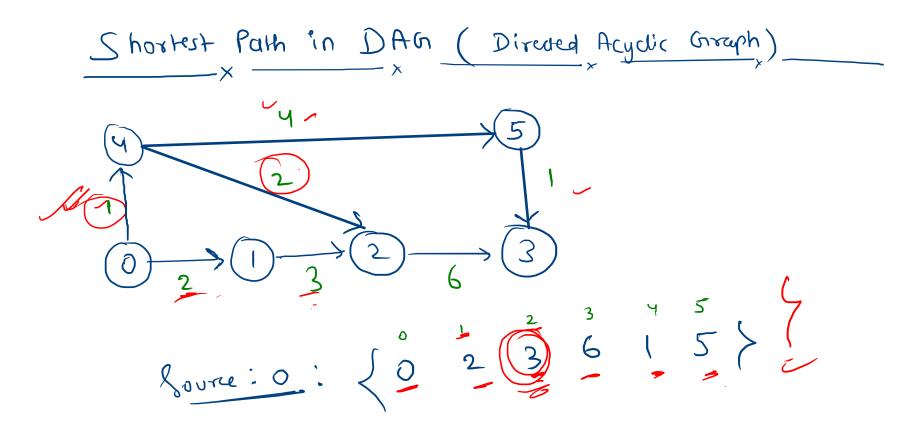
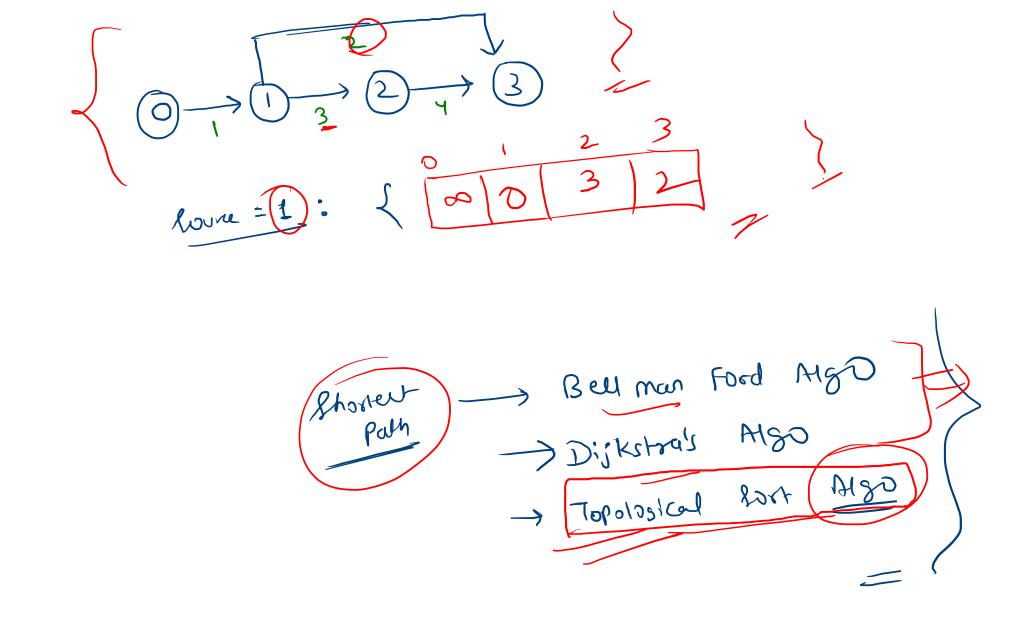
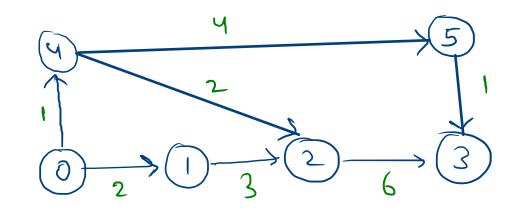
Shortest Path in DAG (Directed Acyclic Grouph)











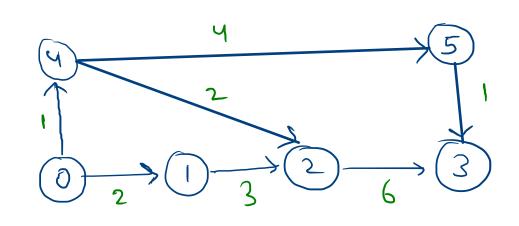
Topological sout:

- ( a, a, a, a, a) = [v] trib (
- 2) dist(s) = 0
- (3) find A topological sort of Grouph
- (4) For every vonex u in a torological sort

  for ( every adjacent ) of u)

  1; ( dist(o) > dinfu]t weight(u, v);

  dist(v) = dist(v) + weight(u, v);



Topological sout:

- $\begin{cases}
  \infty, \infty, \infty, \infty, \infty, \infty
  \end{cases} = [v] + ib ()$
- (2) dist[s] = 0
- (3) Find A topological sort of Greenh
- (4) For every venex (1) in a topological sort

  for ( every adjacent of of 11)

  I ( dist(0) > dist(0) + weight(u,v);

  dist(v) = dist(0) + weight(u,v);

