DAG algorithm

process(u,v) = max(LP(u), LP(v) + n(u,v))
Prim

mst

non mst

choose lightest edge

Kruskal

- sort edges by wt
- use smallest edges
- unless cycle
the string, G, s.t. red's
Part of most
of the first
Part R fist
can use light edge
crossing cut
\[ 3c, \hat{w}, \phi, f \]
Path compression

\[ \lg^* n = \min_k \left\{ \lg \lg \cdots \lg n \leq 1 \right\} \]

\[ \lg^* 2^2 = 4 \]