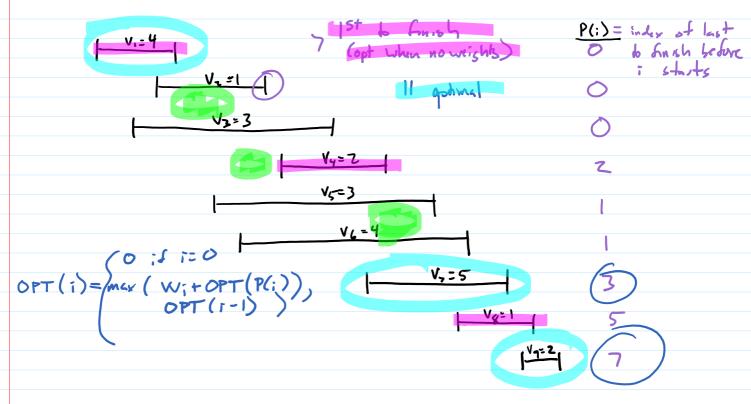


SHORTEST-PATHS
$$(n, s)$$
 $M \leftarrow n \times n \text{ avery}$
 $for v=0 \text{ for } n-1 \text{ } m[o,v] \leftarrow \infty$
 $M(o,s) \leftarrow 0$

0 (n.m)

for
$$i=1$$
 to $n-1$ for each edge (u,v)
 $M(i,v) = \min(m(i-1,v), \min(m(i-1,u)+L(u,v))$





$$OPT(i) = value \text{ if optimal selection using activities} \leq i$$

$$= \sum_{i=1}^{n} \frac{1}{n} = \sum_{i=1}^{n} \frac{1}{n} =$$