

ICS homework5

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```
1 def PERT(G, s):
2     TOPO-SORT(G)
3     for each vertex v in G:
4         v.d = INF
5     s.d = 0
6     for each vertex v in G (taken in topologically sorted order):
7         for each edge (v, u) in G:
8             if u.d > v.d + w((v, u)):
9                 u.d = v.d + w((v, u))
10                u.p = v
11 def solve_a:
12     preprocess G, get G'
13     PERT(G', s0)
14     return v0.d
```