P()'s can be computed in O(n) time using two sorted lists, one sorted by finish time and the other sorted by start time.



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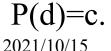
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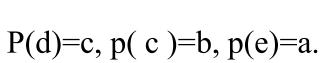
$$P(d)=c, p(c)=b.$$

P()'s can be computed in O(n) time using two sorted lists, one sorted by finish time and the other sorted by start time.



Start time: b(0, 5), a(1, 3), e(3, 8), c(5, 6), d(6, 8)

Finish time a(1, 3), b(0,5), c(5,6), d(6,8), e(3,8)

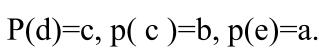


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Start time: b(0, 5), a(1, 3), e(3, 8), c(5, 6), d(6, 8)



$$P(d)=c, p(c)=b, p(e)=a.$$

P()'s can be computed in O(n) time using two sorted lists, one sorted by finish time and the other sorted by start time.



Start time: b(0, 5), a(1, 3), e(3, 8), c(5, 6), d(6, 8)



$$P(d)=c$$
, $p(c)=b$, $p(e)=a$, $p(a)=0$.

P()'s can be computed in O(n) time using two sorted lists, one sorted by finish time and the other sorted by start time.



Start time: b(0, 5), a(1, 3), e(3, 8), c(5, 6), d(6, 8)



$$P(d)=c$$
, $p(c)=b$, $p(e)=a$, $p(a)=0$, $p(b)=0$.