





A really really r	eally easy question	
 Same question, but for having the same x-coor 	a set of horizontal segments, all rdinates.	
(4,20)	_ (18,20)	
(4,16)	(18,16)	
(4,13) <i>Answer: 16</i>	(18,13)	
(4,7)	_ (18,7)	
For simplicity, we use the y-coordinate of a segment as the "name" of the segment		
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How to delete an element from the skipList, without destroying it? Assume we want to delete(71)

Idea #1: Copy the whole SkipList, and delete - too much memory Idea #2: Copy the path that changes during the deletion, then modify this path.







Virtually copying SL To delete 37 -We copy as before the search path (brown path) In each level d at which appear, we delete it using the command p->nxt = follower(sl, 37, 3) Top 3 Top 1 Level 3 Level 2 Level 1 $1 \rightarrow 7 \rightarrow 14 \rightarrow 12$ Level 1 $1 \rightarrow 7 \rightarrow 14 \rightarrow 12$ $1 \rightarrow 12$ $1 \rightarrow$











 And remembering that this one is easy All births/deaths start at the same date Call this problem the <i>same-population problem</i> (no births no deaths) 			
(4,20)	_ (18,20)		
(4,16)	(18,16)		
(4, <u>13)</u> <i>Answer: 16</i>	(18,13)		
(4,7)	_ (18,7)		
Easily solved via standard skip list			
		16	









