

Queue Reconstruction

Ex: $[[7,0], [4,4], [7,1], [5,0], [6,1], [5,2]]$

Sort: Dec height, inc people

$\Rightarrow [[7,0], [7,1], [6,1], [5,0], [5,2], [4,4]]$
0 1 2 3 4 5

$[7,0]$ at index 0 $\Rightarrow [[7,0]]$

$[7,1]$ at index 1 $\Rightarrow [[7,0], [7,1]]$

$[6,1]$ at index 1 $\Rightarrow [[7,0], [6,1], [7,1]]$

$[5,0]$ at index 0 $\Rightarrow [[5,0], [7,0], [6,1], [7,1]]$

$[5,2]$ at index 2 $\Rightarrow [[5,0], [7,0], [5,2], [6,1], [7,1]]$

$[4,4]$ at index 4 $\Rightarrow [[5,0], [7,0], [5,2], [6,1], [4,4], [7,1]]$