

Lecture slides by Kevin Wayne

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http://www.cs.princeton.edu/~wayne/kleinberg-tardos

5. DIVIDE AND CONQUER I

merge demo

Given two sorted lists A and B, merge into sorted list C.

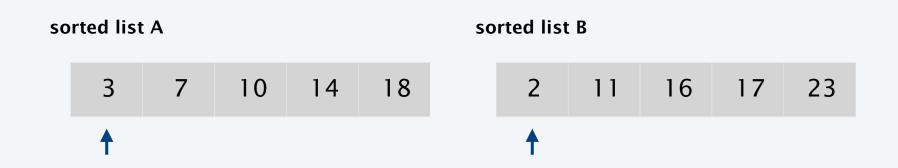
sorted list A

3 7 10 14 18

sorted list B

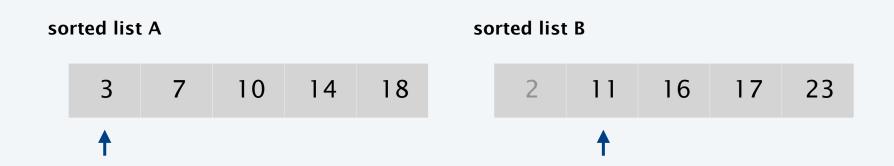
2 11 16 17 23

Given two sorted lists A and B, merge into sorted list C.



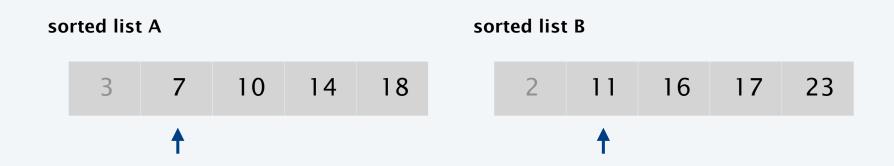


Given two sorted lists A and B, merge into sorted list C.



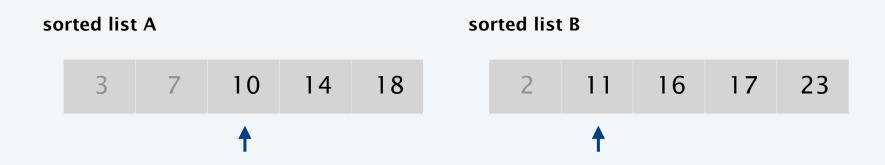


Given two sorted lists A and B, merge into sorted list C.



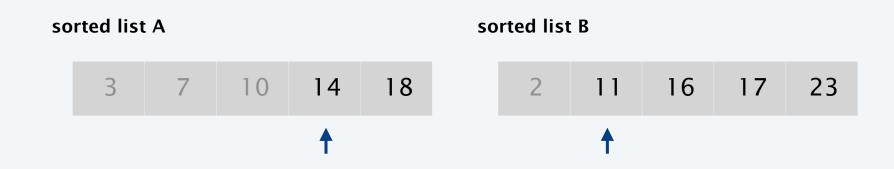


Given two sorted lists A and B, merge into sorted list C.



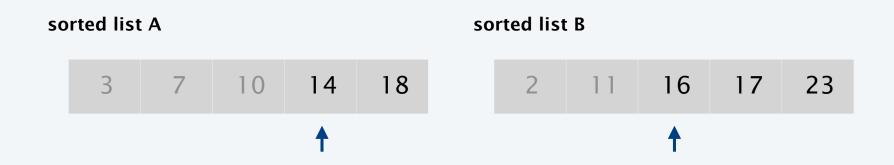


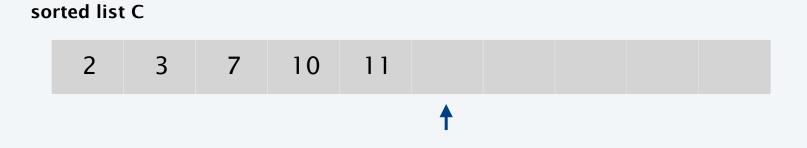
Given two sorted lists A and B, merge into sorted list C.



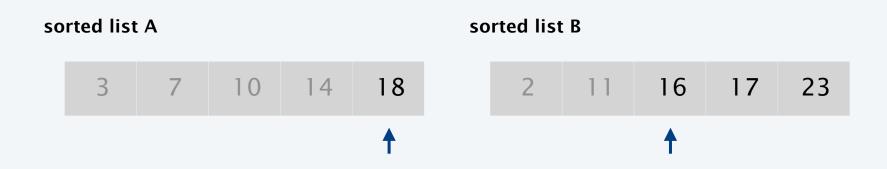


Given two sorted lists A and B, merge into sorted list C.



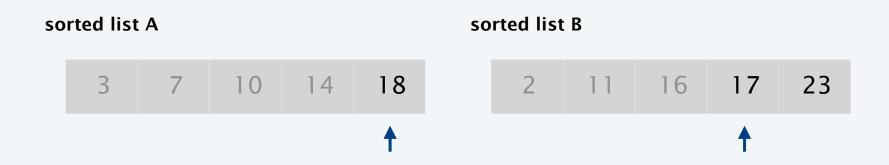


Given two sorted lists A and B, merge into sorted list C.



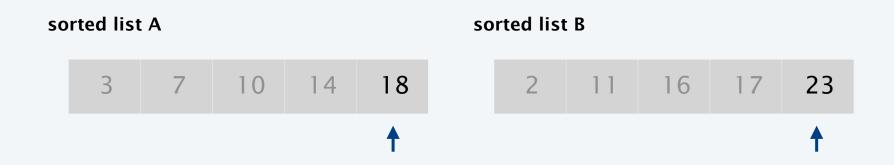


Given two sorted lists A and B, merge into sorted list C.



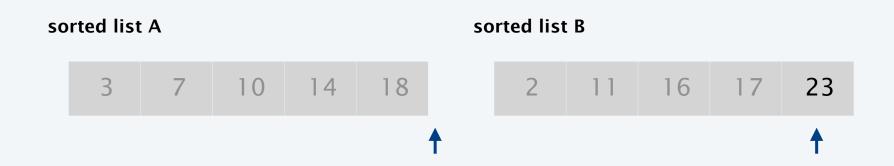


Given two sorted lists A and B, merge into sorted list C.





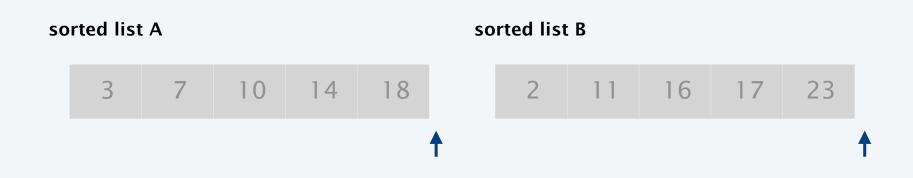
Given two sorted lists A and B, merge into sorted list C.



list A exhausted: copy 23



Given two sorted lists A and B, merge into sorted list C.



done



