16

Problem 1

课本练习10简答题的3(每小题4分),4(每小题3分);练习11简答题的1,3,4,7,10 题,每题5分.请在problem1文件夹上传.docx或.pdf文件,命名格式为 problem1.docx或problem1.pdf.(总74)

10.4 un O(N) U) O(N)
B) O(N/oyN)

 $T(N) = 2T(\frac{N}{2}) + N$

$$T(N)/N = T(\frac{N}{2})/\frac{N}{2} + 1$$

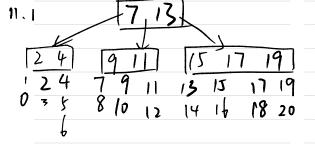
$$T(N)/N = T(1)/1 + \log_2 N$$

=> $T(N) = N \log N$

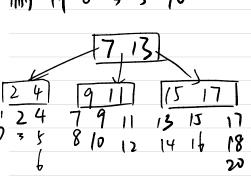
$$\frac{(4) \quad (1) \quad (N^{2})}{(5) \quad 0 \quad (N \log N)}$$

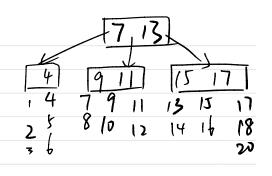
(5)
$$O(N(ogN))$$

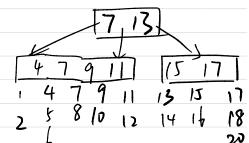
(6) $O(N) = N$

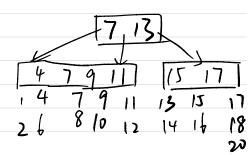


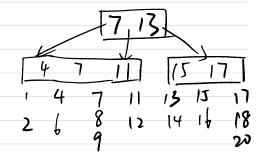
11.3











Problem 1

课本练习10简答题的3(每小题4分),4(每小题3分);练习11简答题的1,3,4,7,10题,每题5分.请在problem1文件夹上传.docx或.pdf文件,命名格式为

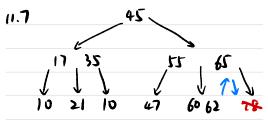
problem1.docx或problem1.pdf.(总74')

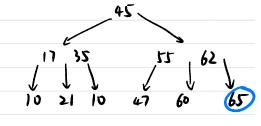
11.4

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27 €	27	

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