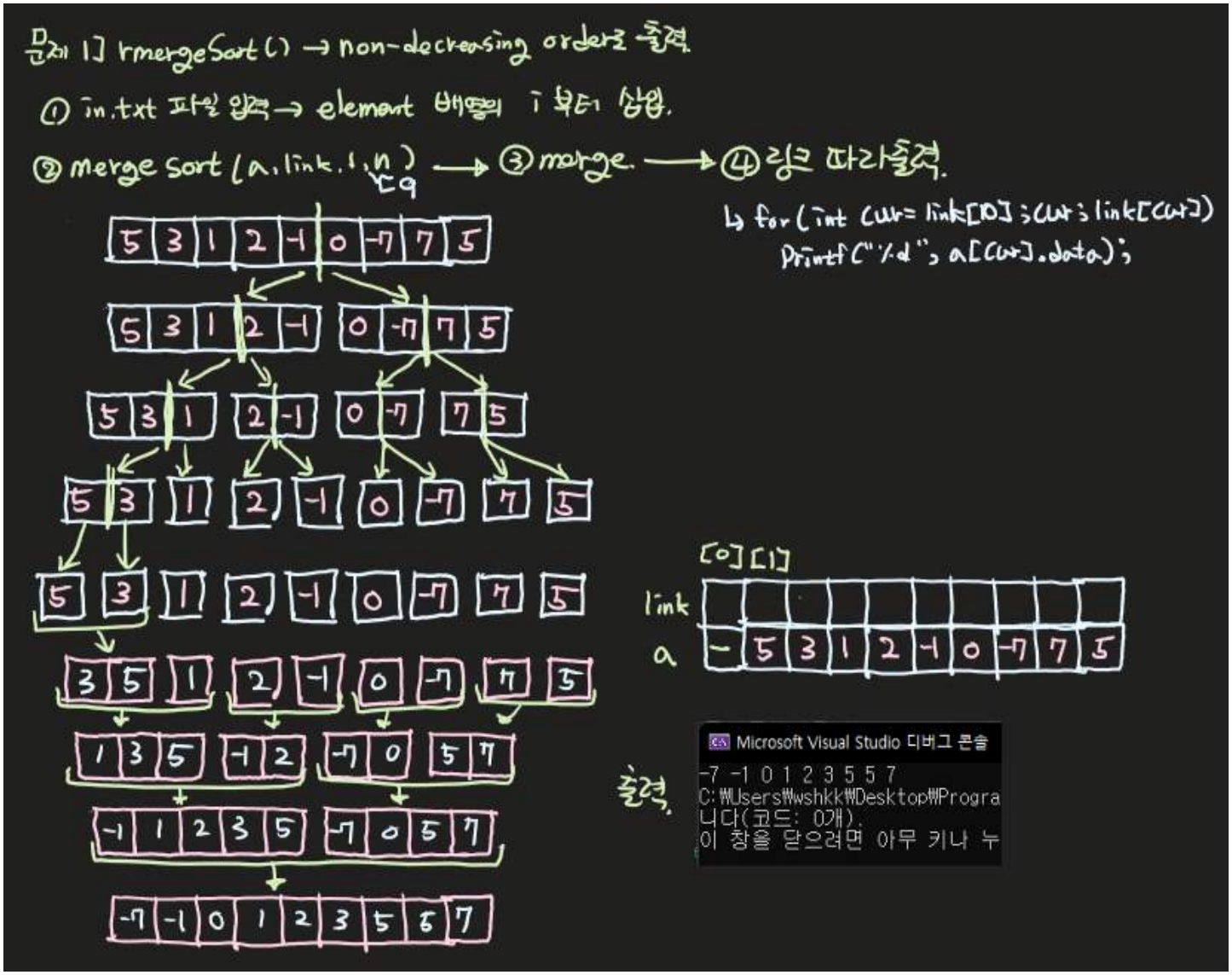
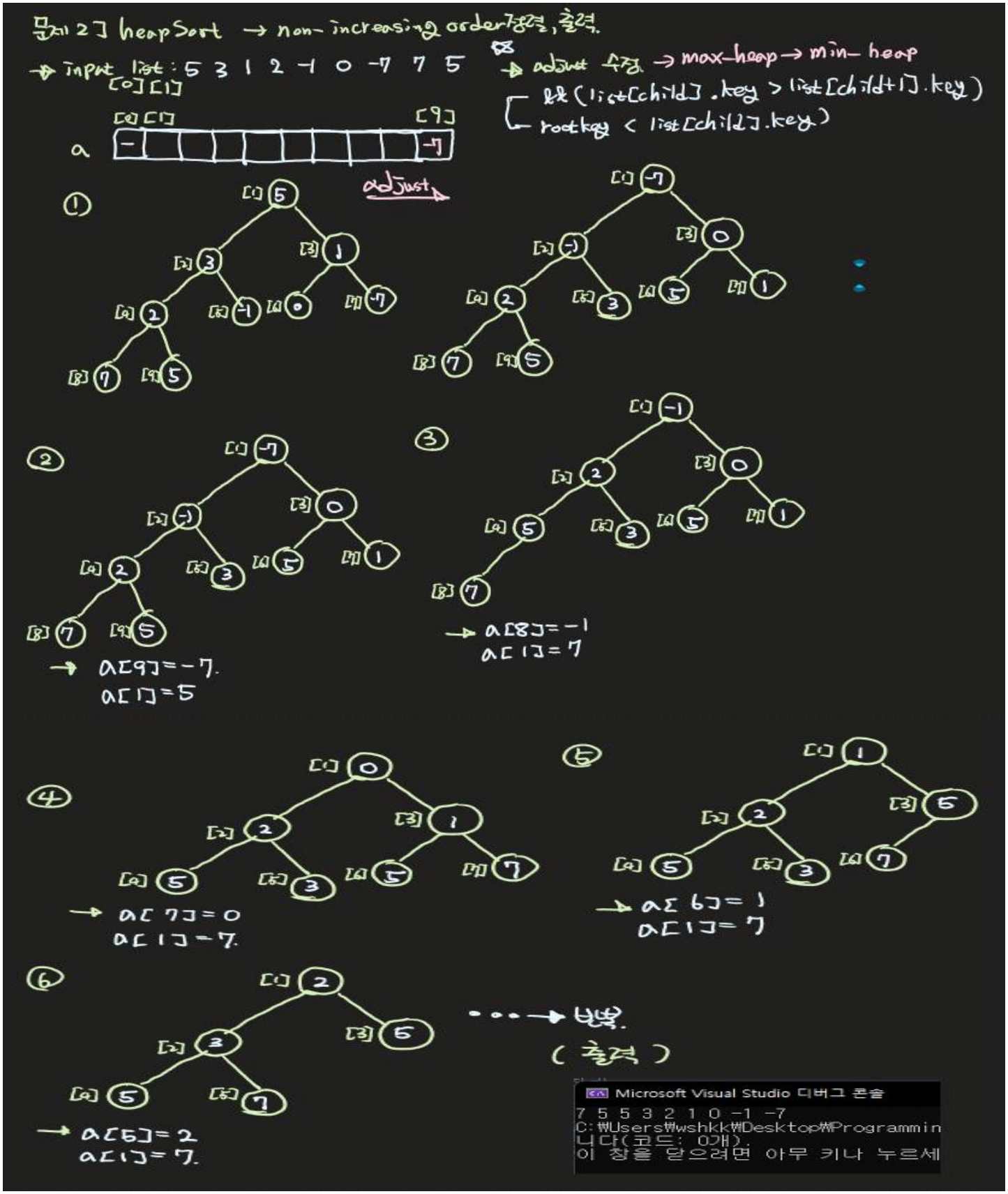
자료구조응용

07. Sorting (10)

2014097056 심화컴퓨터공학 우성현




문제 2] heapSort → non-increasing order정렬, 출력.
→ input list : 5 3 1 2 -1 0 -7 7 5
[0] [1]
※
→ adjust 수정. → max-heap → min-heap
if (list[child].key > list[child+1].key)
rootkey < list[child].key)
[0] [9]
a
-7
adjust
①
②
③
④
⑤
⑥
a[9]=-7.
a[1]=5
→ a[8]=-1
a[1]=7
→ a[7]=0
a[1]=-7.
→ a[6]=1
a[1]=7
→ a[6]=2
a[1]=7.
• • • → 반복.
(출력)
Microsoft Visual Studio 디버그 콘솔
7 5 5 3 2 1 0 -1 -7
C:₩Users₩wshkk₩Desktop₩Programmin
니다(코드: 0개).
이 창을 닫으려면 아무 키나 누르세