정보구조 과제 10

정은주 독어교육과 2014-19498

Problem 2

[1, 3, 7, 9, 10, 8, 12, 13, 15, 19]

Problem 3

[13, 10, 3, 9, 12, 14, 17, 15, 19, 16]

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In [23]: #problem 4
In [40]: L3 = [-1, 3, 0, 10, -4]
square_L.append(kk**2)
                       if len(L) > 1:
    mid = len(L) // 2
    left = L[:mid]
    right = L[mid:]
                              merge_square_sort(left)
merge_square_sort(right)
                              i = j = k = 0
                              while i< len(left) and j < len(right):
    if left[i]**2 < right[j]**2:
        L[k] = left[i]
        square_L[k] = left[i]**2</pre>
                                            i += 1
                                     else:
                                     else:
    L[k] = right[j]
    square_L[k] = right[j]**2
    j += 1
k += 1
                              while i < len(left):
   L[k] = left[i]
   square_L[k] = left[i]**2</pre>
                                     i += 1
k += 1
                              while j < len(right):
    L[k] = right[j]
    square_L[k] = right[j]**2
i = 1</pre>
                                     j+= 1
k+= 1
                              return square_L
In [61]: merge_square_sort(L3)
Out[61]: [0, 1, 9, 16, 100]
```