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// Import nesseary libraries
import json // Line 1

// Read json file
with open("file.json", "rt") as file: // Line 2
    word_list = json.load(file)

// Sort the list

// Set pivot point
pivot = length(word_list) - 1 // Line 4

// Index of the largest word before the pivot
check = pivot - 1
largest = pivot

while check >= 0:
    if word_list[check] > word_list[largest] // Line 9
        largest = check
    check = check - 1

// word swap
if word_list[largest] > word_list[pivot]: // Line 12
    temp = word_list[pivot]
    word_list[pivot] = word_list[largest]
    word_list[largest] = temp

// Print list
for word in word_list:
    print(word) // Line 16

// The effiniency of this program is  $O(n^2)$  because of the sorting process which
// is tarable for large data sets and there are faster was to sort it.

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// Trace Table
Line    word_list          pivot    check    largest    temp
3       ["26", "6", "90", "55"] -         -         -         -
7       ["26", "6", "90", "55"] 3         2         -         -
9       ["26", "6", "55", "90"] 3         1         -         -
9       ["6", "26", "55", "90"] 3         0         -         -
11      ["6", "26", "55", "90"] 3         0         -         -
15      ["6", "26", "55", "90"] -         -         -         -
16      "6"                    -         -         -         -
16      "26"                  -         -         -         -
16      "55"                  -         -         -         -
16      "90"                  -         -         -         -

```