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1: function COMPARE_ELEMENTS(index1, index2, max, corpusEnd)
2:   for  $i = 0; i < max; i++$  do
3:     if  $index1 + i < corpusEnd$  and  $index2 + i > corpusEnd$  then
4:       return 1
5:     else if  $index2 + i < corpusEnd$  and  $index1 + i > corpusEnd$  then
6:       return -1
7:     else if  $corpus[index1 + i]$  is lexicographically  $< corpus[index2 + i]$  then
8:       return -1
9:     else if  $corpus[index1 + i]$  is lexicographically  $> corpus[index2 + i]$  then
10:      return 1
11:    end if
12:  end for
13:  return 0
14: end function
```