Show All Solutions

Rosen, Discrete Mathematics and Its Applications, 7th edition
Extra Examples
Section 3.1—Algorithms

Extra Examples — *Page references correspond to locations of Extra Examples icons in the textbook.*

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p.192, icon at Example 1
#1.
(a) Describe an algorithm that determines the location of the last even integer in a nonempty list $a_1, a_2, \ldots, a_n$ of integers. (If no integer in the list is even, the output should be that the location is 0.)

(b) Describe the algorithm, with "last" replaced by "first".

See Solution

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p.192, icon at Example 1
#2. Describe an algorithm that takes as input a sequence of distinct integers $a_1, a_2, \ldots, a_n$ ($n \geq 2$) and determines if the integers are in increasing order.

See Solution

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