

0 Accumulator-Style Program Design

Etudes

Work out the problems 31.3.3, 31.3.4, 31.3.6, and 31.3.7 in the HtDP textbook.

Main Assignment

0.1 Problem

A list of *Posns* represents points on a route we traverse.

1. Design the function that computes the total distance of our traversal.
2. Design the function that determines the minimum distance between two consecutive *Posns* in this list.

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0.2 Problem

A binary search tree of *Strings* represents the names of students in a class roster.

1. Design the function that produces a list of all names in the given binary search tree, arranged in the same order as in the given binary search tree.

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