Quiz 7: Maps, Dictionaries, and Associative Arrays

CS 14 - Data Structures

April 26, 2013

1. What is the difference between a Map, a Dictionary, and an Associative Array?

2. Give three examples of when it makes sense to use these ADTs.

   (a)

   (b)

   (c)

3. Name the supported functions for a Map. Implement them on top of a BST. What are your best and worst case run times?