Programming Languages and Techniques (CIS120)

Lecture 9
Feb 1, 2012

Finite maps
Announcements

• Homework 3 is available on the web
  – Due Monday at 11:59:59pm
  – Practice with BSTs, generic functions, abstract datatypes

• If you added CIS 120 recently, verify that you are in our roster database by checking your scores online.
  – If you get feedback about your scores, you are in our database.
  – If not, please send mail to tas120@lists.seas.upenn.edu

• Midterm 1 will be in class on Wednesday, February 15th
Finite Maps

An example of a generic, abstract type
Motivating Scenario

• Suppose you were writing some course-management software and needed to lookup the lab section for a student pr TA given the student’s PennKey?
  – Students might add/drop the course
  – Students might switch lab sections
  – Students should be in only one lab section

• How would you do it?
Demo: Implementing Maps with Lists

Map.ml