CompSci 6
Introduction to Computer Science

November 3, 2011

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Announcements

• No Reading for next time
• Assignment 5 coming out soon!
• Today
  – More on dictionaries
  – Finish APT
Problem:

- Suppose we get data which is a list of strings, each string is the top three songs one student likes in the order 1, 2, 3.

songs = ["Hey Jude:Let it be:Day Tripper",
         "Let it be:Drive my car:Hey Jude",
         "I want to hold your hand:Day Tripper:Help!",
         "Born to run:Thunder road:She's the one",
         "Hungry heart:The river:Born to run",
         "The river:Thunder road:Drive my car",
         "Angie:Start me up:Ruby Tuesday",
         "Born to run:Angie:Drive my car"]
Problem:

• What type of dictionary should we build?
• Answer questions:
  – Which is the most popular first place song?
  – Which is the most popular song (unweighted)?
  – Which is the most popular song weighted (3 points top song, 2 points 2cd song, 1 point last song).