

# 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 2nd song, 1 point last song).