

# Basic Python

## Lab Exercise 4

### Dictionaries

#### Exercise 1.

Calculate the aggregate salaries for all baseball teams in the American League for the year 2003. Print a prompt that allows the application user to type in the team name and get the aggregate salary for that team.

Please look at the file: *Albb.salaries.2003.formatted.csv* This will be the data source that you will need to read into the application.

If you have finished the Problem Analysis module, please use the output from that lab's exercise 1 to help you write this.

#### Exercise 2.

Calculate the difference in population for all European countries from 1989 to 1995. The data source for this file will be *Eur.pop.xl.zip*. It's actually another CSV file, and not a zip file.

Please write an application that allows the user to type in the name of the country in question and respond with the difference in population for the provided years. As with the last exercise, if you have completed the exercise from the Problem Analysis lab, please use the output from that lab to help you write the application.