Homework 2-5

Due: Oct. 27, 2011, 2:25 pm

Reminders

For the following problems you may discuss the concepts that will help solve these problems with classmates and course staff. You may *not* simply copy down the answers of your classmates as that is a violation of the collaboration policy. The one exception to this rule are those problems marked as Independent. You may discuss independent problems *with course staff only.*

Task 1:

Even though Python was meant to be a light-weight language, it has grown significantly over the years. It is practically impossible to learn every bit of it in lectures. On the other hand, Python developers have made comprehensive documentations of the language and put them online. It's time for us to learn to use this resource. The more you program, the more you will need it.

a. Go to this website http://docs.python.org/release/3.1.3/library/stdtypes.html#dict. It describes the usage of the dictionary object, operators and functions that are defined on it. Skim the documentation and see if you can relate it to what we've learned in class (it's ok that you do not understand most of it).

b. Using the search function of your web browser (usually it's Ctrl+F) or just your bare eyes, find the descriptions of these three functions:

```
clear()
keys()
pop(key)
```

Study them and complete HW2-7.py according to the instructions given as comments (you do not necessarily have to use these functions).

Handin

Email your program to `cs0931tas@cs.brown.edu` and title the file 'YOURNAME'HW2-5.py — for example, `GiliKligerHW2-5.txt`.