

CSCI 301 Survey of Scripting Languages
Fall 2017
Lab 2 - Perl Hashes and File I/O

Summary:

The objective of this lab assignment is to gain familiarity with Perl hashes and file I/O.

Instructions:

In this lab assignment, you will read a text file containing player names and bowling scores. Each line has one player name, followed by a space, and then a number representing that player's bowling score. To receive full credit your perl script must do the following:

1. Read a list of player names and scores from the provided text file named "scores.txt".
2. Construct a hash of player names and bowling scores. Each key in the hash will be a player's name and each value will be that player's score.
3. Calculate the average bowling score and write this value to a file named "average.txt".
4. Determine the player(s) having the highest bowling score and write the name(s) and score(s) to a file named "winners.txt".
5. Sort the players and their scores in ascending order of their scores and write the sorted name(s) and score(s) to a file named "sorted.txt".
6. Commit your code changes to your repo.

```
$ git commit -m "lab02"
```
7. Push your commits to your fork on GitHub.

```
$ git push
```

NOTE: To receive full credit, your code must run without errors, produce the correct output, and meet all the required specifications. You may use any other data structures you need to perform the operations described above.

Due: Wednesday, September 13, 11:59 PM