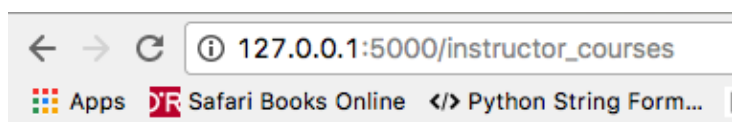# Homework 12

Due Sunday by 10pm   **Points** 100   **Submitting** a text entry box or a file upload

The Stevens community is very excited about the work you've been doing to gather information about students, classes, and instructors. Your work is so popular that the community is asking for a website so everyone can see the results.

Your assignment is build a new web page to display a summary of each Instructor with her CWID, Name, Department, Course, and the number of students in the course.   For example, here's a screen dump of my solution:

You'll need to install Flask along with the database you created for Homework 11.

You may start from scratch and build your own solution or you may choose to use the HTML and Python code from the lecture.   I've created a **.zip file with the files from the lecture** for your convenience, but you may choose to create your own files from scratch.

Specifically, you'll need to:

1. define a query using your Sqlite database from Homework 11 that calculates the CWID, Name, Department, Course, and number of students.   The example from the lecture may be useful for this task.
2. create a new template for your new web page. Start by understanding how it should look and then perhaps use template/student_courses.html as a model for your page.

3. Update Stevens.py to add a new function to support the new functionality.   You might choose to start with a copy of student_courses() and modify it to meet the new requirements.
4. Run Stevens.py from and terminal/command window
5. Demonstrate that your code works properly by submitting a .zip file with all of the files from your solution plus a screen dump of your browser showing the output.

The lecture notes should provide all of the information you need but the web has many good tutorials on Flask if you run into trouble.

After that, celebrate the fact that you've completed your last homework assignment for SSW 810!