

Due: Sept 24 (Friday) at 5 PM

Objective: To gain experience with Python classes in general and the Array class.

Complete the following Chapter 13 Projects from (pp. 557-558): 1, 2, 3 (talked about today in class), 4, and 5.

Each of these involves adding or modifying methods of the Array class.

You can get starting coded for the Array class from the arrays.py file in the lab4.zip file at:

<http://www.cs.uni.edu/~fienup/cs052f10/labs/lab4.zip>

Write a test program/script that tests your modifications to the Array class.

Submission of Homework: Zip a directory containing all the Python programming files for homework #4.

Submit this .zip file containing your homework electronically at

http://www.cs.uni.edu/~schafer/submit/which_course.cgi

The steps for the homework submission system are:

1. I'll assume your .zip file is called hw4.zip.
2. Log on to the submission system at: http://www.cs.uni.edu/~schafer/submit/which_course.cgi
(It is very likely that you will get some security certificate warnings when trying to use this. You may add an exception and accept the existing security certificate.) Use the same AD-ITS User name and password you use to log on the lab computers.
3. Select the course and section number of "810:052, Data Structures, Fienup". Click the "Continue" button.
4. Select the homework that you wish to submit: "HW 4: Array Class Modifications". Click the "Continue" button.
5. Specify how many extra files you want to submit. Just leave it at 0 since you only have the .zip file to submit.
Click the "Continue" button.
6. Upload your program by Browsing and selecting your hw4.zip file. Click the "Continue" button.
7. The next page reports on the status of the upload(s). You can always continue to upload a better version of the program until the deadline. The newer file will replace an older file of the same name.

(If you run into problems and worry that the submission was unsuccessful, you can email the hw4.zip file as an attachment to fienup@cs.uni.edu)