

CSC 202 - Lab #3

Activation Records, Run-time Stack, The Heap, and Recursion

Due: April 28th (Saturday) by 11:55pm.

Objectives:

1. Read chapter 3 of the textbook (see schedule for relevant sections).
2. Answer review questions from the textbook.
3. Gain experience by writing recursive functions.

Requirements:

1. Read chapter 3 in your textbook. **See course schedule for sections.**
2. Answer only the following Review Questions (section 3.10): 3, 4, 6 through 12. **Submit these answers on PolyLearn in the form of a text file.**
3. Solve the following recursive programming problems (section 3.11): 1 through 4. You will need to write four separate Python source files as answers. **Submit each source file on PolyLearn. You do not need to provide a git repository.**
 - a. chap3prob1.py
 - b. chap3prob2.py
 - c. chap3prob3.py
 - d. chap3prob4.py
4. All answers should be provided as submissions to PolyLearn. You may submit separate files instead of a single zip file, but be sure to submit all files by the deadline. I'll be available to answer any of your questions during lab. You will not need to demo your answers.

Reminder: Answers will be made available after the due date. Therefore, late submission is not allowed.