Lab 4
Introduction to C
CSCI 112, Spring 2019

Objectives

- Practice using arrays
- Practice using file redirection

Description:

Write the program described on page 446-447, programming project 2.

Pg. 446, #2 begins with:
   If n points are connected to form a closed polygon, …

Requirements:

You must follow the description in the book, with one exception. Instead of reading in an input file, I want you to use file redirection.

You must use the file: x_y_polygon.txt (in /public/csci112 as your input.)

   ./lab4 < /public/csci112*/lab4/x_y_polygon.txt

This file contains the x and y points as in the book. So the answer you receive will match the book's answer.

NO GLOBALS.

Submission

- Lab Days: 2/15, 2/22
- Due Date: 2/22 5:00pm
- Submit two items to BrightSpace(D2L):
    - The source code (as a .c file)
    - The screen shot showing compile, redirection, and output

Each student will complete and submit this assignment individually. Submit your work on or before the deadline as late work will receive a 50% penalty. Labs submitted more than 24 hours late will not be accepted.

Grading

Points

- 1 – good style/coding practices used: comments included in code, white space between functions, code indented
- 4 – runs (that means that if it doesn't run, submit it anyway)
- 4 – followed instructions (for both the book and this write up)
- 1 – provided screenshot of compile and runs and provided source (as .c file)