

Lab 5

Introduction to C

CSCI 112, Spring 2019

Objectives

- Practice working with strings
- Practice converting integers to strings

Description:

Write the program described on page 518, programming project 3.

Pg. 518, #3 begins with:

Write a function `fact_calc` that ...

Requirements:

You must follow the description in the book.

You will create your string as a character pointer, not a character array.

You will allocate memory for your string using `malloc` or `calloc`.

You will use as inputs: 6, 3, 12, 0, and -1 (to quit).

NO GLOBALS.

Submission

- Lab Days: 2/22, 3/1
- Due Date: 3/1 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)