

Assignment 5 (Extra Credit)

Due Dec 4, 2015 by 6am **Points** 0 **Submitting** a file upload

Available after Nov 23, 2015 at 9pm

This assignment is worth up to 10% extra credit with respect to the programming project - that is, up to 3% extra credit in the course.

Your entire group should decide together whether to attempt this assignment or not. If you wish to complete the assignment and are at impasse with your group, contact Dr. Gerber directly.

This assignment is intentionally challenging, and intentionally given to you on short notice. You have through the night of Thursday, December the 3rd - i.e., until early the morning of Friday, the 4th - to complete this assignment. Because this is an extra credit assignment, and to avoid conflicting with study for the final exam, **LATE SUBMISSIONS WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCES WHATSOEVER.** If you have not completed the assignment by Thursday night, submit what you have completed to receive partial credit.

Assignment

Implement procedural parameter and return-value passing in PL/0. Detailed information is available in the Files area.

Submissions

Submit to Webcourses (inside a single zip file):

- A revised submission as in Assignment 4, with all run records incorporating procedure declarations involving parameters and return values.
- A Version 3 of the PL/0 reference document, taking account procedural parameters and return values and incorporating:
 - Any new lexemes and tokens needed.
 - Updated PL/0 EBNF.
 - Updated parser pseudocode.
 - (You will need to rewrite it to match the style of the pseudocode in the PL/0 reference document!)
 - Any updated C struct declarations needed.

