

CS224 – Lab 4

Purpose: Different parameter passing mechanisms can produce different results. Knowing how a programming language passes its parameters is therefore desirable.

Knowledge: This lab will help you become familiar with the following content knowledge:

- Pass by value
- Pass by reference
- Pass by value-result
- Pass by name

Task: Complete the exercise in which you use each of the mechanisms on the same piece of code.

Assignment 1:

Complete exercise 6 on p382 for parts a), b), c), and e)

Criteria for Success: You should have different results for each of the four parameter passing mechanisms. A mechanism may possibly give you two different results depending on how it is implemented. If this is the case, give BOTH possible answers (this will only happen for one of the mechanisms).

Submit your answers in Canvas for grading or turn in a paper if you prefer.