

Computer Science II — CSci 1200

Lab 7 — Maps

Introduction

This lab gives you practice initial practice in working with maps. No downloads are needed until Checkpoint 3.

Checkpoints

1. Write a program from scratch that uses a `map` to find **all** the modes in an input sequence of integers. Remember, a mode is an integer that occurs at least as many times in the sequence as any other integer. Thus, in the sequence

19, 83, -12, 83, 65, 19, 45, -12, 45, 19, 45

the two modes are 19 and 45. Include one command-line argument to provide an input file. Use `operator[]` for maps when inserting values.

2. Rewrite your program from checkpoint 1 to use `find` or `insert` or both instead of `operator[]`.