CSC 412 – Operating Systems
Lab Session 07, Fall 2020

Tuesday, Oct. 27th, Wednesday, Oct. 28th, and Thursday, Oct. 29th, 2020

What This Lab Is About

This lab is "C++ meets pipes."

Handout

We are reusing the same data set as last week, and the code handout is is solution that I posted for Lab 06: It reads the data into a vector or structs.

1   Task 1: Pipes

The idea is to distribute the task between two processes. So, your program should create 2 child processes and use pipes send to these child processes about half of the data each.

2   Task 2: Return results

The child processes should compute the sum of the x to the power m, and return that value to the parent process via a pipe.