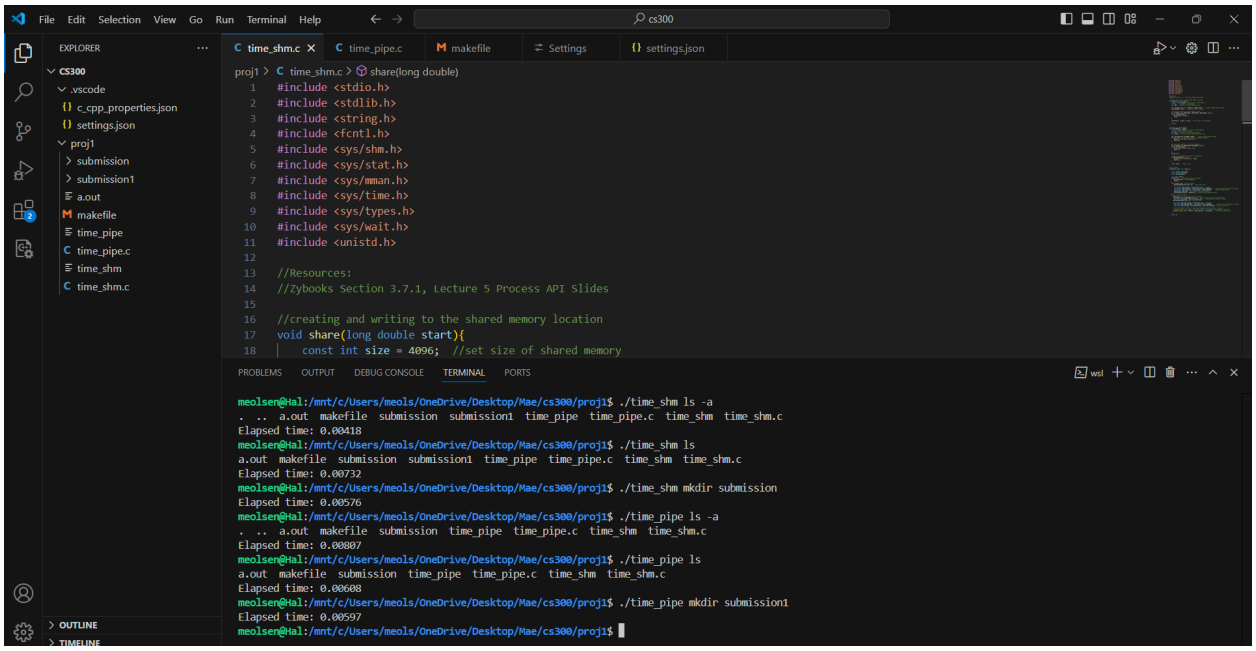
Programming Assignment 1

I. Screenshots of outputs



II. Based on my observations, message passing is faster than shared memory for each command I've tried because the time being shared is a relatively small amount of information to communicate.

A. Pros/Cons for shared memory

Pros:	Cons:
• Can be faster than message passing because no kernel intervention after object creation	• Controlling synchronization and security issues

B. Pros/Cons for message passing

Pros:	Cons:
• Good for exchanging smaller amounts of data because collisions aren't an issue	• Implemented using system calls, so kernel intervention requires more time than shared memory
• Easier to implement than shared memory	
• Easier to use in distributed systems	