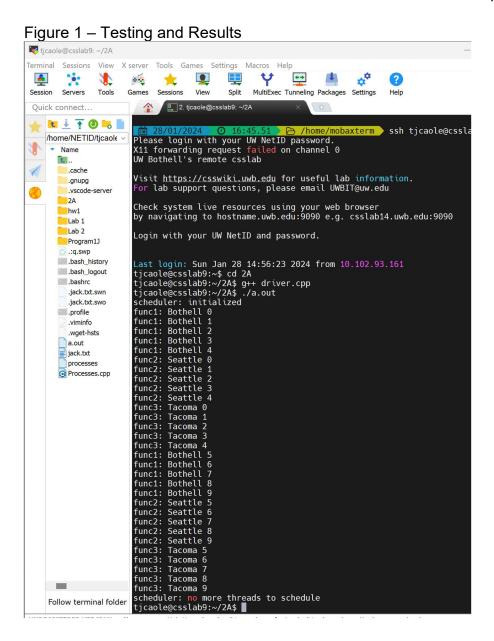Name: Timothy Caole
Date: 1/31/2024

# Program2C

# sthread.cpp Report

## Overview of the assignment sThread.cpp:

The assignment consists a multithreading system with macros and function helps thread management and context switching using setjmp(), longjmp(), and other functions. The objective of the assignment it to explore multithreading by analyzing how systems calls can save a thread's environment before transitioning to another thread for execution. This assignment allows us to get familiar with the thread library functions and macros, which can improve our understating of multithreaded processes, highlight the interconnection of thread execution with the CPU and basic concepts.

Figure 1 – Testing and Results

# Program2C

## Figure 2 – Stack Layer