

CSCE 312 - Lab 1

Kevin Lei

January 23, 2024

Abstract

The purpose of this lab is to introduce low-level system design.

1 Problem 1

1.1 Part A

Tag 1: The purpose of this code is to make sure that the file is open, or the point to the file is not null. If the file is not open, then the program will exit.

Tag 2: This code calls the `gettimeofday()` function from the `time.h` header. It then assigns the value to the `this_instant` variable which is passed by reference.

Tag 3: This code prints the size of the int data type for the given computer using the `sizeof()` function.
Tag 4:

1.2 Part B

1.3 Part C

2 Problem 2

3 Problem 3

4 Problem 4

5 Problem 5