

Course: CE 303 Operating Systems

LAB work: 2

Write a multithreaded C program some multithreaded task. The program should do the following:

One thread gets numbers from the user. Then, a second thread order those numbers using an sorting algorithm. And lastly a third thread should print the sorted numbers.

In order to get full grade, you should explain your code using comments.

You can use any of the sorting algorithms.

Hint 1 : For further and more detailed information about Pthreads, you can examine section 4.4.1 from your course book (9th edition).

Hint 2 : Sample programs for the implementation of Pthreads is provided in Figure 4.9 from your course book (9th edition).