

Programming – TU857/1

Lab 20 – Thursday, April 25th, 2024

Note: You are expected to finish all programs in your own time if you do not get these done during the lab session. This is your own responsibility.

File I/O (part 2)

Remember: Use Symbolic names in your programs. Do not hard code.

Mandatory Exercise Question – You must complete and Demo to your Lab TA

1. Write a C program to display the lines of a text file along with the line numbers. The first line should be preceded by 1., the second by 2., etc., for each line in the text file.
2. Write a C program to compare the latency (time taken) between using `fgetc()` and `fgets()` to open and read a large text file and display to standard output. Observe if there is any noticeable difference in the latency (there may not). Use any relatively large text file available on your machine.