COMP 8567
Fall 2022
In-Class Lab 2 (Unix File Input/Output)

Using a program called **inclass2.c** create a <u>new</u> file **sample.txt** in the read/write mode and perform the following //Ensure sample.txt is not already present in your current working folder

- From a buffer of 500 characters-all of them initialized to the letter 'R'(with a newline character after every 25 characters), write 200 characters into sample.txt
- Declare a buffer of 50 characters and try to read all the 200 characters of sample.txt into the buffer and observe the output (print the contents of the buffer)
- write "**********" at the following positions in sample.txt
    - 15 positions after the beginning of the file
    - 20 positions after performing the previous operation in (a)
    - 30 positions before the end of the file
    - 25 positions after the end of the file
- Output the **overall number of characters in the file** and the **number of NULL characters** in the file <u>before closing</u> the file sample.txt

Note: All these operations must be performed within a single program inclass2.c using the same file descriptor.

Submission: You need to upload two files onto blackboard
- **inclass2.c**
- **sample.txt**