**Ex4:**

I used 6 system calls to write a program, the 6 calls are: open(), write(), getchar(), lseek(), read() and unlink(). What my code achieves is to create an ex4.txt text by the open() function and then write the text to the ex.4txt text. The characters are fetched from the input device with the getchar() function. The current writing position is moved by the lseek() function. Then the read() function returns the length of the input characters to determine if the write was successful. Finally, the unlink() function deletes the directory entries of the file. In fact, these system function calls are used to write, read, and clear information. In the future, we can use these function calls to expand the use of our system resources in our study and work.

You can run my executable file in this way. First, please bind a data volume with docker, and then run the program.

**cd ex4**

**docker build -t lab1\_ex4 .**

**docker run --rm -it -v $(pwd)/:/root/lab lab1\_ex4 /bin/bash -c "cd /root/lab; gcc -o ex4 ex4.c; ./ex4"**