

Dated: August 13, 2018

**OS Lab 2 question set:**

Problem (I) and (II) for week starting August 13, 2018.

Problem (III) and (IV) for week starting August 20, 2018.

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- (I) Implement UNIX commands "*cat & mv*" in C using System calls.
- (II) Determine the size of a file using the "*lseek*" command.  
Once you found out the size, calculate the number of blocks assigned for the file.
- (III) Write a program that deletes alternate byte from a file, but without using a temporary file or allocating a buffer in the memory. You may use the truncate function for adjusting the size of the file.
- (IV) Write a c program to read alternate character from the file and print it on terminal. Use open, read, write system calls.

References:

1. Unix concepts and applications, Fourth Edition, Sumitabha Das, TMH.  
<https://zimslifeintcs.files.wordpress.com/2011/12/sumitabahdas.pdf>