# OPERATING SYSTEMS LAB EXPERIMENTS

## Reference : Operating System Concepts, 10th Edition

1.  Prog. Probs 3.18, 3.20    – Study of Process tree, Process ID Allocation.

2.  Prog. Proj. Chapter 5     – UNIX Shell

3.  Add a system call to Linux kernel [Refer: ./3_kernel_syscall.html ]

4.  Prog. Prob. 3.21          – Collatz Conjecture

5.  Prog. Prob. 4.27          – Fibonacci Sequence

6.  Write a multi-threading program to perform matrix multiplication

7.  Prog. Proj. Chapter 5     – Scheduling Algorithms

8.  Implement Producer-consumer and dining philosopher's problem

9.  Prog. Proj. Chapter 8     – Banker's Algorithm

10. Prog. Proj. Chapter 9     – Contiguous Memory Allocation