List of experiments for the course of Operating systems lab.

1. To write a C program to simulate the ***create, delete, copy, move*** file operation functions of an operating system.
2. To write a C program for implementation of Priority scheduling algorithm.
3. To write a C program for implementation of Round Robin scheduling algorithm.
4. To write a C program for implementation of FCFS scheduling algorithm.
5. To write a C program for implementation of SJF scheduling algorithm.
6. To write a C program to implement banker's algorithm for deadlock avoidance.
7. To write a C program to implement algorithm for deadlock detection.
8. To write a c program to implement Threading and Synchronization Applications.
9. To write a C program for implementation memory allocation methods for fixed partition using first fit.
10. To write a C program for implementation memory allocation methods for fixed partition using best fit.
11. To write a C program for implementation memory allocation methods for fixed partition using worst fit.
12. To write a c program to implement Paging technique for memory management.
13. To write a C program for implementation of FIFO page replacement algorithm.
14. To write a c program to implement LRU page replacement algorithm.
15. To write C program to implement LFU page replacement algorithm.
16. To write C program to implement Second-chance/Enhanced Second-chance page replacement algorithm.
17. To write C program to organize the file using single level directory.
18. To write C program to organize the file using two level directory.