OPERATING SYSTEMS (LINUX PROGRAMMING AND ADMINISTRATION) LAB

Paper Code: ETCS-352	**L**	**T/P**	**C**
Paper: Operating Systems (Linux Programming and Administration) Lab	**0**	**2**	**1**

List of Experiments:

1. Write a program to implement CPU scheduling for first come first serve.
2. Write a program to implement CPU scheduling for shortest job first.
3. Write a program to perform priority scheduling.
4. Write a program to implement CPU scheduling for Round Robin.
5. Write a program for page replacement policy using a) LRU b) FIFO c) Optimal.
6. Write a program to implement first fit, best fit and worst fit algorithm for memory management.
7. Write a program to implement reader/writer problem using semaphore.
8. Write a program to implement Banker's algorithm for deadlock avoidance.

NOTE:- At least 8 Experiments out of the list must be done in the semester.