Form the group of **two or three** students and give presentation on the following topics

Topics

1. Scheduling algorithm used in windows operating system
2. Scheduling algorithm used in Linux operating system
3. Memory management scheme in windows operating system
4. Memory management scheme in Linux operating system
5. NTFS file system
6. Device driver development in Linux
7. Linux Kernel module development and Adding System call
8. Implement sleeping barber problem
9. Implement reader/writer problem
10. Implement The Dining Philosophers Problem
11. Simulate round robin scheduling algorithm
12. Simulate priority based scheduling algorithm
13. Simulate banker’s algorithm for deadlock avoidance
14. Simulate LRU page replacement algorithm
15. Simulate working set page replacement algorithm
16. Simulate FIFO page replacement algorithm
17. Virtual file system
18. Implement shell which support synchronous and asynchronous execution, redirection and pipeline
19. Trojan Horses, Viruses and Worms
20. Page replacement algorithm used in Linux
21. Proc filesystem in Linux
22. ANDROID operating system
23. NFS file system
24. Windows Registry
25. Booting Windows
26. Booting Linux
27. Page replacement algorithm in windows operating system
28. Implementation of I/O in windows operating system
29. Implementation of I/O in Linux operating system
30. WINDOWS POWER MANAGEMENT
31. SECURITY IN WINDOWS 8