1. **Write a program to implement FCFS (with arrival time=0 for all) Calculate waiting time, turnaround time for each process. Calculate avg. waiting time, avg turnaround time**

2. **Write a program to implement SJF (with arrival time=0 for all) Calculate waiting time, turnaround time for each process. Calculate avg. waiting time, avg turnaround time**

3. **Write a program to implement Non preemptive Priority scheduling. Calculate waiting time, turnaround time for each process. Calculate avg. waiting time, avg. turnaround time**

4. **Write a program to implement Round Robin. Calculate waiting time, turnaround time for each process. Calculate avg. waiting time, avg turnaround time**

5. **Write a program to simulate the First Fit Memory Allocation Technique.**

6. **Write programs to simulate the Best Fit Memory Allocation Technique.**

7. **Write programs to simulate the Worst Fit Memory Allocation Technique.**

8. **Write a program to implement FIFO policy and calculate Hit ratio and Miss ratio**

9. **Write a program to implement LRU policy and calculate Hit ratio and Miss ratio**

10. **Write a program to implement Optimal policy and calculate Hit ratio and Miss ratio**

11. **Write a program to simulate MVT**

12. **Write a program to simulate MFT**

13. **Write a program to simulate Paging technique**

14. **Write a program to simulate Indexed File Allocation Technique**

15. **Write a program to simulate Contiguous File Allocation Technique**

16. **Write program to simulate Linked File Allocation Technique**

17. **Write a program to calculate safe sequence using Banker's algorithm.**

18. **Write a program to implement the FCFS Disk Scheduling Policy**

19. Write a program to implement the following SSTF Disk Scheduling Policy

20. Write a program to implement the SCAN Disk Scheduling Policy

21. Write a program to implement the following LOOK Disk Scheduling Policy

22. Write a program to implement the C-SCAN Disk Scheduling Policy

23. Write a program to implement the following C-LOOK Disk Scheduling Policy

24. Shell Programming

25. Commands practiced in First Lab Assignment