1. Write a program to simulate FCFS scheduling algorithm.
2. Write a program to simulate nonpreemptive SJF scheduling algorithm
3. Write a program to simulate preemptive SJF scheduling algorithm.
4. Write a program to simulate round robin scheduling algorithm.
5. Write a program to simulate non preemptive priority scheduling algorithm
6. Write a program to simulate preemptive priority scheduling algorithm
7. Write a program to simulate bankers algorithm for deadlock avoidance
8. Write a program to implement producer consumer problem using semaphores.
9. Write a program to read the file and store the lines in an array
10. Write a program to count number of words in a given file.
11. Write a program to count number of characters in a given file.
12. Write a program to count number of lines in a given file.
13. Write a program to check whether given file exists or not. If exists, make the file length zero.
14. Write a program to delete a word from a file.
15. Write a program to append multiple lines to the end of a text file.
16. Write a program to merge two files into one file.
17. Write a program to replace all new line characters in a given file to tab.
18. Write a program to check whether given keyword is present in the file or not.
19. Write a program to find number of occurrences of given character in a file.
20. Write a program to replace a given character with “\*” in given file.
21. Write a program to divide the contents of a file into two files.
22. Write a program to sort the contents of a file.
23. Write a program to copy the contents of one file to another file
24. Write a program to implement stat().
25. Write a program to implement fork().