1	Study of Basic Linux Commands: echo, ls, read, cat, touch, test, loops, arithmetic comparison, conditional loops, grep, sed etc.
2	Write a program to implement an address book with options given below: a) Create address book. b) View address book. c) Insert a record. d) Delete a record. e) Modify a record. f) Exit
3	Implement the C program for CPU Scheduling Algorithms: Round Robin with different arrival time
4	Implement the C program in which main program accepts the integers to be sorted. Main program uses the FORK system call to create a new process called a child process. Parent process sorts the integers using sorting algorithm and waits for child process using WAIT system call to sort the integers using any sorting algorithm. Also demonstrate zombie and orphan states.
5	Implement the C program for Disk Scheduling Algorithm: SSTF considering the initial head position moving away from the spindle
6	Implement the C program for Page Replacement Algorithms: FCFS for frame size as minimum three.
7	Implement the C program for CPU Scheduling Algorithms: Shortest Job First (Preemptive) with different arrival time
8	Implement the C program in which main program accepts an array. Main program uses the FORK system call to create a new process called a child process. Parent process sorts an array and passes the sorted array to child process through the command line arguments of EXECVE system call. The child process uses EXECVE system call to load new program which display array in reverse order.

9	Implement the C program for Page Replacement Algorithms: LRU for frame size as minimum three.
10	Implement the C program for Disk Scheduling Algorithm: C-Look considering the initial head position moving away from the spindle
11	Implement the C program for Deadlock Avoidance Algorithm: Bankers
12	Implement the C program for Disk Scheduling Algorithm: SCAN considering the initial head position moving away from the spindle
13	Implement the C program for Page Replacement Algorithms: Optimal for frame size as minimum three.

First batch Roll no.	Second batch Roll no.	No. of practical to be prepared
1,5,9,13	21,25,29,33	1,5,9,
2,6,10,14,17	18,22,26,30,34	2,6,10,13
3,7,11,15	19,23,27,31	3,7,11,
4,8,12,16	20,24,28,32	4,8,12