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S.No.	Name of the Practical	Page No.	Date	Remarks
1.	a) Getting acquainted with operating system, its component and types b)UNIX and types of UNIX, Comparison of UNIX with other operating system and learning installation procedure of UNIX. c) Installation of ubuntu		8 January 2018	
2	To implement the following commands in linux: man, cat, touch, ls, script, cd, mkdir, rm, rmdir, pwd		15 January 2018	
3	To implement the following commands in linux: echo,who,whoami,cp,mv,ty,wc,tr,grep,tee		22 January 2018	
4	To implement the following commands in linux: cmp, comm, diff, df, du, free, whatis, whereis, find, type		29 January 2018	
5	To implement the following linux commands: sleep, shutdown, sort, head, tail, more, less, banner, paste; (semicolon), (pipe), & (on after the other command),		5 February 2018	
6	To implement the following linux commands: adduser, useradd, deluser, userdel, umask, chmod, cut, cal, ulimit, clear, finger, wall, write		12 February 2018	
7	To implement unix/linux commands: gzip, gunzip, zip, unzip, tar, split, ps, kill, top, nice, nohup, batch, at, crontab		19 February 2018	
8	Introduction to vim editor Logical Operators and Control Statements		26 February 2018	
9	1. To implement the following in vim editor 2. Check whether a given year is leap year or not 3. Check whether a number is odd or even 4. Find Grade 5. Input Marks. Calculate Average Marks 6. Find the circumference and area of a circle		5 March 2018	

10	<p>To implement the following in vim editor</p> <ol style="list-style-type: none"> 1. To find factorial of a number 2. To print the Fibonacci series 3. Check whether a number is palindrome or not 4. Generate prime numbers in a range 5. Calculator using switch case 6. Check whether input is a file or directory and print its permission 		19 March 2018	
11	<p>C++ Program to implement the following CPU Scheduling Algorithms</p> <ol style="list-style-type: none"> 1. FCFS 2. SJF(preemptive and non-preemptive) 3. Round Robin 		26 March 2018	
12	<p>C++ Program to implement the Bankers Algorithm</p> <ol style="list-style-type: none"> (a) Safety Algorithm (b) Request and resource allocation algorithm 		2 April 2018	
13	<p>C++ Program to implement the following Process Synchronisation Algorithms using semaphores</p> <ol style="list-style-type: none"> 1. Reader-Writer Problem 2. Producer-Consumer Problem 3. Dining Philosopher Problem 		9 April 2018	
14	<ol style="list-style-type: none"> 1. C++ Program to implement MFT 2. C++ Program to implement the following Memory Management Algorithms(MVT) <ol style="list-style-type: none"> (a) First Fit (b) Best Fit (c)Worst Fit 		16 April 2018	
15	<p>Write a C++ program to implement the following Page fault algorithms</p> <ol style="list-style-type: none"> 1. FIFO Page Replacement 2. Optimal Page Replacement 3. Least recently used (LRU) 		23 April 2018	
16	<p>Write a C++ program to implement the following Disk scheduling algorithms</p> <ol style="list-style-type: none"> 1. FCFS 2. Shortest Seek Time First (SSTF) 3. Scan 4. C-scan 5. Look 6. C-look 		30 April 2018	