Assignment No	Title of Program
1	Installing Windows/Linux in Virtual Machine/Workstation. Study about booting process of Linux.
2	Try out with Linux simple and advance commands.
3	Write programs using shell scripting covering data types, conditional, and looping and decision statements.
4	Write a program in C to implement round robin scheduling.
5	Write a program in C to implement reader-writer problem using monitors. (pthread)
6	Write a program in C to implement dinning philosopher's problem using semaphore.
7	Create process using fork () system call and use getpid (), getppid () functions along with wait () and exit () using C programming.
8	Write a program in C to implement shared memory using IPC.
9	Write a program in C to implement message queue using IPC.
10	Write program to implement unidirectional pipe under IPC using C programming.
11	To understand the overlay concepts and practice how to overlay the current process to new process in Linux using C.
12	Implement the C program in which the child process calculates the sum of odd numbers and the parent process calculate the sum of even numbers up to the number 'n'.
13	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 insertion sort and waits for child process using wait system call to sort the integers using selection sort.
14	To perform shell code analysis under Linux operating system.
15	To perform read, write and execute permissions on files in Linux. To analyze binary files on Linux using commands and tools.