LAB 3

1. Find the lines containing a number in a file.
2. Write a shell program to count the characters, count the lines and the words in a particular file.
3. Write a shell script that would wait 5 seconds and

then display the time.

1. Write a shell program to read a number \*such as 123) and find the sum of digits (1+2+3=6).
2. Write a shell program to read a number and display reverse the number. For example, 123 should be printed as 321.
3. Write a shell script to find the factorial of a number.
4. Write a shell program to read two numbers and display all the odd numbers between those two numbers.
5. The length and breadth of a rectangle and radius of a circle are input through the keyboard. Write a shell script that will calculate the area and perimeter of the rectangle and the area and circumference of the circle.

Hint:- Area of Rectangle = L\*B

Perimeter of Rectangle = 2(L+B)

Area of Circle = π.r2

Circumference of circle = 2.π.r

1. Given a file of numbers (one number per line), write a shell script that will find the lowest and highest number.
2. Write a shell script for printing multiplication table for a given number
3. Write down a shell script to make a menu driven calculator using case.