

LAB 2A

Beginning with the Shell Programming

1. Write a shell script that would wait 5 seconds and then display the time.
2. Write a three shell scripts that will count the number of parameters on the command line using *while* statement, then using *for* statement and finally using *until* statement.
3. Write a shell script to find the factorial of a number.
4. 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 = $\pi.r^2$

Circumference of circle = $2. \pi.r$

5. Given a file of numbers (one number per line), write a shell script that will find the lowest and highest number.