System management tools

$df -> report file system Disk space usage

   Options:

      –h   :   display disk space usage in human readable format

$free   -> Display physical memory information

            Options:

               –h : display memory space usage in human readable format

$lscpu   -> display cpu information

$du file1.txt   -> print disk usage of file1.txt in Kb

        Options:
                 -h   -> display in human readable format

$uptime -> Display how long system is been running and average load on the system
$uname -r   -> to display kernel version

$w   -> lists the current logged in users and what recent command they executed

$file   ->   display a file type
   example:
        $file test.txt

$stat -> display information regards to a file or directory
    example:
        $stat test.txt

$cal -> display the current month calendar

shutdown -> shutdown / reboot the system

   $shutdown -> shutdown the system after 1 minute
   $shutdown now -> shutdown the system now
   $shutdown +5   -> shutdown the system after 5 minutes
   $shutdown -r   -> reboot the system after 1 minute
   $shutdown   -r now -> reboot the system now
   $shutdown –r +5   -> reboot the system after 5 minute

$wc -> print number of lines, word, and character counts for each file

 $wc test_file   -> prints number of lines, number of words and number of characters in test_file

 $wc –l test_file   -> display only number of lines

 $wc –m test_file -> display number of characters

 $wc -w test_file -> display number of words

$date -> display current date and time

$expr -> to evaluate expression (addition, division, subtraction, multiplication)

      $expr 10 \+ 10   -> addition
      $expr 10 \- 10   -> subtraction
      $expr 10 * 10   -> multiplication
      $expr 10 \/ 10   -> division