Assignment-2

1. Count the number of words in the file which contain all the letters a, e, i, o, u. These letters may occur more than once & other letters are also permitted.

2. List 5 largest files in the /etc directory which contain the string '.conf', sorted by decreasing file size.

3. Write a command to search contents of all files in current directory and display the total number of lines that contain the string 'LINUX' but not 'UNIX'.

4. What is the difference between $* and $@? How do you find whether your system is 32 bit or 64 bit ?

5. How can you find out how long the system has been running? How to check the status of the password for the user named ITW1 ?

6. From your home directory, create a directory named "Test". Create a new file in Test directory named 'new.txt' and write some text in it. Then,move the file from there to "/usr/lib/". Then, display the content of that file on the terminal and then delete the file"new.txt" and the folder "Test".

7. How will you display Today's date in the format of dd/mm/yyyy ? In a file word UNIX is appearing many times. How you count the number ?

8. Read two numbers and perform addition, subtraction, multiplication and division. Also save the output of the opreations in RESULT.txt.

9. Write a command that will allow a UNIX system to shut down in 15 minutes, after which it will perform a reboot.

10. Write a command that will find all text files in a directory such that it does not contain the word "unix" in any form (that is, it must include the words Unix, UNIX, or uNIx).

12. Write a command that will display files in the current directory, in a colored, long format.

13. What is the behavioral difference between "cmp" and "diff" commands? Justify with an example.