

System Management
LAB – 4
REGULAR EXPRESSION and JOIN of DIFFERENT
COMMANDS

Objective – AIM of this assignment to learn regular expression and join of two different commands.

This assignment is based on Grep and Pipe Command. All students download text file of names battery life and hotel service. These files are text file which consist customer online opinions of two different services. Detail of Grep and Pipe commands in lab3 and 4 notes which previously uploaded.

Description of Files: [Download files from backpack account]

- (a) Battery life: This text file consists online customer reviews of battery performance of smart phone.
- (b) Hotel Service: This text file consists online customer review of hotel services in different locations.

You have to download these file before doing task from backpack.

TASK 1: Grep Commands (ANY TEN)

- (a) Show lines which consist word “battery” in text file name battery life.
- (b) Show lines which containing words “good”, “bad”, “worst” in battery life text file.
- (c) Find lines ending with word "amazing" in battery life text file.
- (d) Find those lines which consist digits in both text files.
- (e) Show different special characters which used in both text files.
- (f) Frequency count of “good”, “bad” and “worst” words in battery life text file.

- (g) words which is mostly used in battery text file.
- (h) Find battery behaviour based on text file based on frequency count.
- (i) Find different locations used in text file name hotel service.
- (j) Find frequency of word “services or service” in text file name hotel service.
- (k) Find overall services is “good, bad or better or worst” in hotel service file.

TASK 2: Pipe Commands

- (a) Write single line command using pipe which print output from battery life and hotel services text files, how many times “good, bad, worst, better” occur in sorted order.
- (b) Find size of different files which taken space in disk in sorted order.

TASK 3:

Please write short note on advantage and limitations of Pipe and Grep commands (Not more than two pages). [do not copy paste from internet, if you using any image than please clearly give citation of source]

NO NEED to attach any kind of screen shots for Linux commands.

- (i) All students please read Command details which attached with lab 3 4 notes pdf.**
- (ii) Submission format will be same as previous assignments use “LAB-4 Assignment” in place of LAB 1 or 2 with your roll no.**

