

T.Y.BCA
Assignment -3
502-Unix & Shell Programming

Date: 20/10/2013

1.) Write a Unix shell script which accepts a choice from the user and execute the corresponding option using case structure for above file structure. The format of the menu is

- + → Addition of record
- ! → Modification of records
- → Deletion of records
- q → Quit

2.) Write a awk program which will work like command wc

3.) Write a unix shell script to add records to a file called material.dat The fields being matcode, qty_sold and rate

- mat_code : to be generated
- qty_sold : should be greater than 0
- rate :between 100 to 10000

4.) Write a shell program to enter the bookname and find the author of that bookname. File contain Bookname and author

5.) write a awk script to print the file myfile.txt. The output should be such that there should be only 25 characters in each line. If a line in the file exceeds 25 characters, the remaining character should be printed in next line.

6.) consider an emp.lst file having fields emp_no, name, designation, basic_salary and date of birth separated by "/" using above file write a awk command for the following.

- (i) to select those 'director' drawing a salary exceeding 6500
- (ii) to select those employee who born between 1965 and 1975
- (iii) to display emp_no, name, salary, DA(40% of basic salary), and HRA(15% of all employee)
- (iv) To display frequency of designation.