

1. Write a script that takes the file name from the user and displays all lines starting with a or b or c. (Use grep/sed).
2. Write a script that takes the file name from the user and displays all lines starting not with a or b or c. (Use grep/sed).
3. Write a script that takes the file name from the user and displays lines from 3rd to 5th including both from the file. (use sed)
4. Write a script that takes the file name from the user and displays lines beginning either with alphabets or digits from the file. (use sed)
5. Write a script that takes input from a file, with multiple records, as:

First name: middle name: last name: address: city: pin: phone and displays output as:

Record 1

Last name middle name first name

Address

City – pin

Phone

Record 2

Last name middle name first name

Address

City – pin

Phone

and so on, for all records. (use awk)

6. Write a shell script to generate a summary from the sales.dat file. Sales made by 3 salesmen by selling 3 products are entered in a file. Add at least 10 records. The format is as shown below: (use awk)

Salesman: Product1: Product2: Product3

Sample data:

Mr. Abhishek Sharma: 21: 29: 12

Mr. Akash Srivastava: 11: 15: 28

Mr. Abhilash Dwivedi: 31: 04: 13

Calculate the following:

1. Total sales of the company
 2. Highest sold product
 3. Best salesman (who sold the most)
 4. Worst salesman (who sold the least)
7. Swaps the first and last character in each line of the file. (use awk).
 8. Write a script that takes the file name from the user and displays all lines starting with space (' '). (Use grep/sed)