

Linux System Administration-1 Lab

Assignment-2

Pattern Matching

Follow the Sample-1 file

1. To search for every line that contains the word 'GNU'
2. Search for each instance of the word 'license' (with upper, lower, or mixed cases)
3. Search for every line that does not contain the word 'the' and also specify the line No.
4. Find lines where 'GNU' occurs at the very beginning of a line.
5. Match every line ending with the word 'and'.
6. To match anything in the sample-2 file that has two characters and then the string 'cept'.
7. To find the lines that contain 'too' or 'two'
8. To find any line that begins with a capital letter and ends with a period.
9. Matches the string free plus one or more characters that are not white space characters.
10. To find all of the lines in the sample-2 file that contain triple-vowels.
11. To match any words that have between 16 and 20 characters.
12. Find all patterns that has at least one but no more than 3, 'a's

Follow the Sample-2 file

13. Print all lines that contain a phone number with an extension (the letter x or X followed by four digits).
14. Print all lines that contain a date. Hint: this is a very simple pattern. It does not have to work for any year before 2000.
15. Print all lines containing a vowel (a, e, i, o, or u) followed by a single character followed by the same vowel again. Thus, it will find "eve" or "adam" but not "vera".
16. Print all lines that do not begin with a capital S.
17. Print all lines that contain CA in either uppercase or lowercase.
18. Print all lines that contain an email address (they have an @ in them).
19. Print all lines that do not contain the word 'Sep.' (including the period)
20. Print all lines that contain the word 'de' as a whole word.
21. Find all subdirectories within a directory
22. List all files in the default directory that **others** can read or write