

1. **GREP:** Display all the lines from the `/etc/passwd` file containing the string “dan” (lowercase only).
2. **GREP:** Display the number of lines in a file.
3. **GREP:** Display the lines from the `/etc/passwd` file belonging to users with a surname (family name) at least 11 characters long.
4. **GREP:** Display the lines from the `/etc/passwd` file that do not begin with the letter e or the letter y.
5. **SED:** Replace all occurrences of the string “dan” from the `/etc/passwd` file with the string “daniel” (lowercase only).
6. **SED:** Delete all lines containing the string “dan” from the `/etc/passwd` file.
7. **SED:** Convert all the lowercase letters from a file into uppercase letters.
8. **SED:** Surround with round brackets any group of 3 or more consecutive vowels from a file.
9. **AWK:** Print the line number before each line of the `/etc/passwd` file.
10. **AWK:** Print only the even-numbered lines from the `/etc/passwd` file.
11. **AWK:** Print only the 5th field from each line of the `/etc/passwd` file, considering that the fields are separated by the `:` character. (use the `-F` flag for awk: `awk -F: ...`)
12. **AWK:** Display information about the students in the system in the following format: Name - Username - Group. Extract this information from the `/etc/passwd` file.
13. **AWK:** Display how many lines end in a vowel and how many lines end in a consonant from a file.