**Documentation for Grep in ubuntu**

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**CIS-245**

**LINUX ADMINISTRATION**

1. Print all lines containing the string San

To allow the server to do that you would need to run this command

Grep ‘San’ and then the name of the file where you want the line to be shown on the screen.

In my case I named my file datebook so my command looks like

Grep ‘San’ datebook

Text

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1. Print all lines where the person's first name starts with J

For this question in here and if you want the server to do that you will need to run this command . based this question is asking they want all the name starting with J the command will be like this.

Grep ‘^J’ datebook Text

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3.Print all lines ending in 700

In order for you to do this in the ubuntu sever you will run this command.

Grep ‘700$’ datebook.

We add the dollar sing will allow the string to just show all the numbers ending in the 700. And then the filename from where you want to take the information.

Graphical user interface, text, application

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4 Print all lines that don't contain 834 .

TO DO THAT YOU WILL NEED TO RUN THIS COMMAND always remembering after the command put out the name of the file where you have the info and you want it to be shown in the screen.

Grep -V -E ‘834’ datebook

-v will print the version number of grep and show te output

-E interpret pattern as basic regulation expression and the select the 834 and put it with the quotes or you can leave it itself and this will display this big list.

Text

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5. Print all lines where birthdays are in December .

In order for you to just display all the lines for December you have to run this command

Grep :12/ and then your filename the server will give you all the information based on the command.

Grep :12/ datebook

Basically the two dots following the 12 and the / at the end just send the input to the server to just display the 12 at the first spot in the lines.

Text

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1. Print all lines where the phone number is in the 408 area code.

In order for you to do this you have to run this command.

Grep -E ‘:408-‘ datebook

So the -E interpret pattern as basic regulation and then following with the[ :] and the 408 with – sing and the [‘ ‘] to just display the whole lines with just the number of 408.

A close up of a logo

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1. Print all lines containing an uppercase letter, followed by four lowercase letters , a comma, a space, and one uppercase letter.

cl

For this you will have to run this command.

Grep ‘[A-Z] [a-z] \{4}, [A-Z]’ datebook

You need to put first the uppercase which is [A-Z] that indicates the uppercase goes first after that you will use the same input but with the lowercase [a-z] and after that you will use \{} with the number 4 inside to allow the server to give you just the four lines that matches with this command and after that you add a , and again the [A-Z] following by the filename that you named.

**Text

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1. Print lines where the last name begins with K or k .

In order for you tu print this on your server you will need to use or run this command.

Grep -E ‘\<.\*\>[\+ ]\<(K|k)’ datebook

In this command you will find the -E as the interpret pattern and then in [‘ ‘ ]you will add \<.\*\>[\+ ]\<(K|k) to indicate which letter will be uppercase and lowercase in this case will be the letter K for the last name.

Text

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1. Print lines preceded by a line number where the salary is a six-figure number.

In order to complete this you will run this command

Grep -B1 ‘[0-9]\{6\}$’ datebook

You will direct the server by selecting the whole lines which is 10 of the so you select [0-9] and the you divide it using [\] and adding the number 6 like this {6\} to indicate the six digits.

Text

Description automatically generated

1. Print lines containing Lincoln or Lincoln

In order to complete with this suggestion, you will run this command

Grep ‘[LI] incoln’ datebook

Inside brakes you will declare the two L and then outside you will finish the word incoln following the [‘ ‘] at the first and at the end to complete the command and allow it to search for uppercase and lowercase of the word.

A picture containing text

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