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Grep

1. Print all lines containing the string Lane

Grep Lane datebook:

* Grep: The command for searches text.
* Lane: The is the string name you want to search for. This searches every line in the file and prints out every line that contains the name “Lane”.

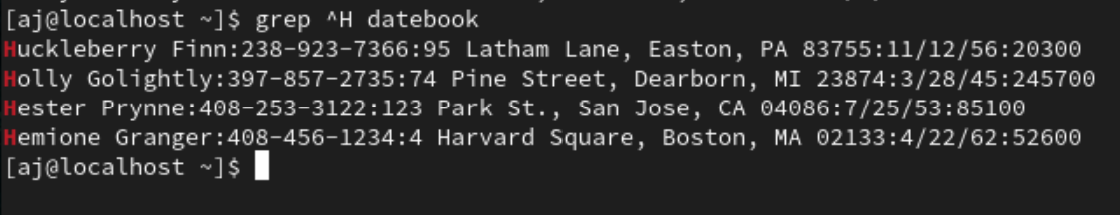
A screen shot of a computer

Description automatically generated

1. Print all lines where the person’s first name starts with H

Grep ^H datebook

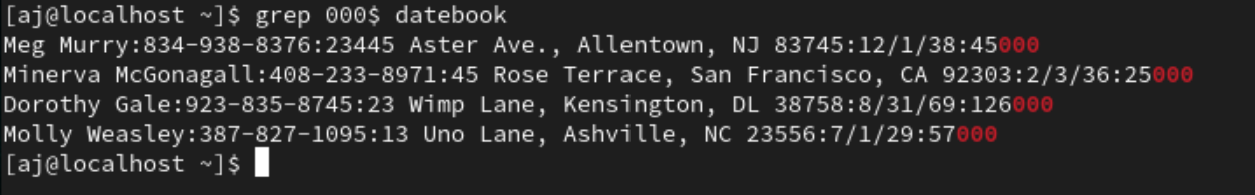
* Grep: The command for searching text.
* ^H: Searches and Matches lines that start (^) with the letter H.



1. Print all lines ending in three zeros (000)

Grep 000$ datebook:

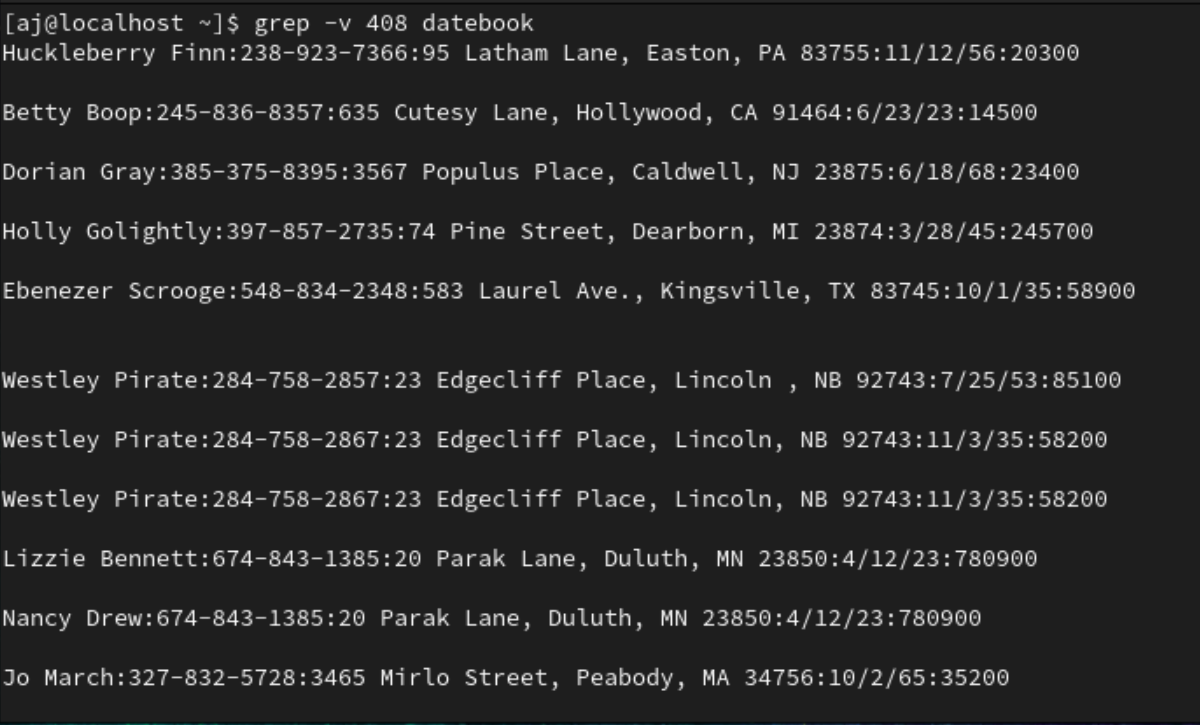
* Grep: The command to search text.
* "000$": A command where: 000 matches all lines ending with three zeros in the file
* $ ensures that your command is at the end of the line.



1. Print all lines that don’t contain 408

Grep -V 408 datebook

* Grep: The command for searching text.
* -v: This command excludes lines containing 408.
* "408": The number you want top to exclude in the file.

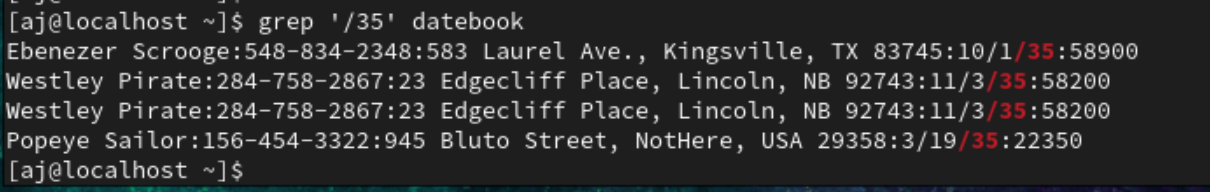


5. Print all lines where birthdays are in the year 1935 (be careful of the

date format! it’s MM/DD/YY)

Grep ‘/35’ datebook

* Grep: The command to search text.
* "/35": Matches any line containing 35, which indicates the year 1935



6. Print all lines where the phone number is in an area code that starts

with an 8

A black screen with white text

Description automatically generated

7. Print all lines containing an uppercase letter, followed by 4 lowercase

letters, a space and one uppercase letter.

Grep -E ‘[A-Z]+([a-z]{4}) [A-Z]’ datebook

* -E: Enables extended regular expressions (for {4}).
* [A-Z]: Matches uppercase letters.
* [a-z]{4}: Matches exactly 4 lowercase letters.
* Space: puts a single space.
* [A-Z]: Matches another uppercase letter.

A screenshot of a computer screen

Description automatically generated

8. Print lines where the address begins with a two- or three-digit number

(So, this would be 12 main St. or 123 main street but not 1234 main

street).

Grep -E ‘[0-9]{2,3}’ datebook

* Grep: The command to search text.
* -E: Enables extended regular expressions (for {2,3}).
* ‘[0-9]{2,3} ‘: Matches lines beginning with 2 or 3 digits followed by a space.



9. Print lines where the person lives in Mass or Illinois

Grep -E ‘MA|IL’ datebook

* Grep: The command for searching text.
* -E: Enables extended regular expressions.
* "MA|IL": Matches lines containing either "Mass" or "Illinois."

A screen shot of a computer

Description automatically generated

10. Print lines containing the addresses that aren’t on a street (You might

see St as shorthand for street)

Grep -v ‘Street,St’’ datebook

* Grep: The command to search text.
* -v: Inverts the match.
* "Street,St": Exclude any line with Street or St.

A screenshot of a computer

Description automatically generated