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<html><head></head><body><pre style="word-wrap: break-word; white-space: pre-wrap;">
The file /home/218/database.txt contains 10,000 lines of data. Each line describes
one person: Social security number, birth date (YYYYMMDD), first name, last name,
and zip code.
```

Here are six unexciting lines from the middle of the file:

```
525373469 19630128 Nancy Frankenstein 88539
525388530 19630228 Darcy Epstein 56906
525397776 19710519 Frances Cadwallader 88625
525535897 19361217 Edwin Frogmorton 07004
525753047 19380123 Alexander Jones 24267
525780779 19420616 Tom Wilson 39264
```

You are to write a program that reads this file and stores its information in a linked list.

Once your program has constructed the list, it should enter an interactive loop, taking commands from the user:

FIND firstname lastname

- display all information about the named person,
your program must not crash if no such person exists!

ALL lastname

- display all information about all people who have the given last name.

ZIP zipcode

- make a new linked list of all people living in the given zip code,
then display the entire contents of that linked list.

OLDEST

- print the name and zipcode of the oldest person in the database.

EXIT

- exit from the program.

```
</pre></body></html>
```