COSC 330 Assignment 1

The file "bakery.csv" contains data for receipts at a fictitious bakery. Each record (that is, each line in the file) contains an item on a receipt. The bakery asks each customer for a name, so a receipt includes the name. A customer might buy several items at the same time, so a receipt has "line items" that show a product and a unit price for that product. Each record has a line item number that specifies in which order items display on a receipt. A receipt corresponding to some of the data in the file is shown below:

```
----------------------------------------
Customer:   Gladys Overwith
Date:       10/10/15
Receipt No: 12396

90-BER-11            Berry          3.25
70-M-VA-SM-DZ        Vanilla        1.15
51-BC                Almond         1.95
90-APR-PF            Apricot        3.25
20-CA-7.5            Casino        15.95
                                   ------
Total:                           $ 25.55
----------------------------------------
```

The total is not stored in the file. It can be computed from data in the file. The data from the file that was used to create this receipt (based on receipt number) was as follows:

```
12396 10/10/15   Overwith     Gladys        1 90-BER-11     Berry          3.25
12396 10/10/15   Overwith     Gladys        4 90-APR-PF     Apricot        3.25
12396 10/10/15   Overwith     Gladys        5 20-CA-7.5     Casino        15.95
12396 10/10/15   Overwith     Gladys        3 51-BC         Almond         1.95
12396 10/10/15   Overwith     Gladys        2 70-M-VA-SM-DZ Vanilla        1.15
```

Notice that the order listed in the receipt corresponds to the "itemno" number (the fifth column in the data), not the order of the rows in the file.

Write a Python 3 program that prompts for a receipt number and then displays the receipt (exactly as above) from the file associated with that receipt number. If no records can be found for the receipt number entered, then the program should display "No records found."

You will need to use the csv module and will likely make heavy use of Python format strings (https://docs.python.org/3.4/library/string.html#formatstrings) to get the spacing to match.