

CSV Viewer Kata

Description

Write an application to view CSV files on the console. It's supposed to be a very simple program: just call it from the command line like this ...

```
C:\>csvviewer.exe persons.csv
```

... and it will display the file's contents in a page wise manner like this

```
Name |Age|City      |
-----+-----+-----+
Peter|42 |New York|
Paul |57 |London  |
Mary |35 |Munich  |
```

```
N(next page, P(revious page, F(irst page, L(ast page, eX(it
```

Pages of data records are displayed as a table with a header line and cell borders like depicted. The corresponding file looks like follows; when assuming a page length of 3 data records it would be displayed as three pages:

```
Name;Age;City
Peter;42;New York
Paul;57;London
Mary;35;Munich
Jaques;66;Paris
Yuri;23;Moscow
Stephanie;47;Stockholm
Nadia;29;Madrid
```

Requirements

- The page length should have a reasonable default for your system's console window, but it also can be set by passing it to the application like this:
- The page table should have fixed width columns matching the longest value for each column within a page.

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Extra Credit

Support these additional features:

- Each data record should be preceded by a record number
- Show which page is displayed out of how many in total below the table
- Let the user jump to a page by entering its number

The display should look like this:

```
No. | Name | Age | City |
---+-----+----+-----+
1.  | Peter | 42  | New York |
2.  | Paul  | 57  | London   |
3.  | Mary  | 35  | Munich   |
```

N(ext page, P(revious page, F(irst page, L(ast page, J(ump to
page, eX(it

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