Daily Challenge : Pagination

Last updated : June 2nd 2022

What You Will Learn :

- OOP

Instructions :

1. Create a class to handle paginated content in a website. A pagination is used to divide long lists of content in a series of pages.

2. The `Pagination` class will accept 2 parameters:

   - `items` (default: []): A list of contents to paginate.
   - `pageSize` (default: 10): The amount of items to show in each page.

   So for example we could initialize our pagination like this:

   ```
   alphabetList = "abcdefghijklmnopqrstuvwxyz".split('')

   p = Pagination(alphabetList, 4)
   ```

3. The `Pagination` class will have a few methods:

   - `getVisibleItems()` : returns a list of items visible depending on the `pageSize`

   So for example we could use this method like this:

   ```
   p.getVisibleItems()
   # ["a", "b", "c", "d"]
   ```

   - You will have to implement various methods to go through the pages such as:
     - `prevPage()`
     - `nextPage()`
     - `firstPage()`
     - `lastPage()`
     - `goToPage(pageNum)`

Here's a continuation of the example above using `nextPage` and `lastPage`:

```
alphabetList = "abcdefghijklmnopqrstuvwxyz".split('')

p = Pagination(alphabetList, 4)

p.getVisibleItems()
# ["a", "b", "c", "d"]

p.nextPage()

p.getVisibleItems()
# ["e", "f", "g", "h"]

p.lastPage()

p.getVisibleItems()
# ["y", "z"]
```

Notes

- The second argument (`pageSize`) could be a float, in that case just convert it to an int (this is also the case for the `goToPage` method)
- The methods used to change page should be chainable, so you can call them one after the other like this: `p.nextPage().nextPage()`
- Please set the `p.totalPages` and `p.currentPage` attributes to the appropriate number as there cannot be a page 0.
- If a page is outside of the `totalPages` attribute, then the `goToPage` method should go to the closest page to the number provided (e.g. there are only 5 total pages, but `p.goToPage(10)` is given: the `p.currentPage` should be set to 5; if 0 or a negative number is given, `p.currentPage` should be set to 1).

More Info

Duration (approx)	Difficulty
> 1 hour	⭐⭐

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