

Name: _____

Section: _____

Quiz #3

On the following pages, write a class called `Book` with the following properties:

- a. The class must implement the interface `Iterable<String>`.
- b. Two private instance variables:
 - `title` (type `String`)
 - `pages` (type `Integer`)
- c. An initialization block that sets the title to "Moby Dick" and the pages to 822.
- d. Implement the `iterator` method, as required by the `Iterable<String>` interface. **You must use an anonymous inner class for your Iterator.** The Iterator should return the following sequence of Strings:
"Page 1"
"Page 2"
"Page 3"
...

If `remove` is called on your Iterator, it should throw an `UnsupportedOperationException`.

[Write your answer on the sheet that is attached to this one.]

[Write your answer on this sheet (continue on the back page, if necessary).]