#1 Quantum Bookstore

Design an online book store with the following criteria:

- The book store may have an inventory of many books of these types:
    - **Paper book** which have stock and may be shipped
    - **EBook** which have a filetype and may be sent via email
    - **Showcase/Demo book** which is not for sale
- you should be able to do the following:
    - Add a book to the inventory with some details like ISBN(just any string identifier), title, year when the book is published, price
    - Remove and return outdated books that passed specific number of years
    - Buy a single book providing its ISBN, quantity, email, address
        - Reduces the quantity of the book from the inventory, throw error if not available
        - Return the paid amount.
        - Send Paper book to the ShippingService with the address provided (no implementation required)
        - Send EBook to MailService with the email provided (no implementation required)
- Provide a class to test adding, removing, buying books
- Design the system to be easily extensible, so that we don't need to modify it if we've added a new type of products