

# Book Store Project using List and Dictionary objects of python

## Project Description

# Create a console-based bookstore system that allows users to:

The three main features are as follows:

- Enter and retrieve book details
- Mark books as read (meaning they've finished reading them)
- Delete existing books

# What are books?

You can define their structure to be anything you like, but here is my proposed structure:

```
{  
  'name': BOOK_NAME,  
  'author': BOOK_AUTHOR,  
  'read': False # or True  
}
```

# Marking books as read

- The property read of each book should be a boolean.
- When a user wants to mark a book as read, we first should ask them for the name of the book they've read.
- Then, loop through all the books and set the read property to True if the book name matches what the user typed.

# Deleting books

You can use a list comprehension to re-create the books list without the book that the user typed.

```
def delete_book(name):  
    global books  
    books = [book for book in books if book['name'] ≠  
name]  
# somewhere else in your application...  
delete_book('Peter Pan')
```