

Pseudocode

1. START
2. Display “Book Catalogue”
3. Display list of books
4. FOR each book in bookList DO
 - Display bookTitle
 - Display bookPrice
 - Display bookCategory
5. END FOR
6. Display searchOption
7. Display filterOption
8. IF searchOption = searchKeyword THEN
 - SEARCH bookList using searchKeyword
 - Display searchResult
9. END IF
10. IF filterOption = category THEN
 - FILTER bookList by category
 - Display filteredResult
11. END IF
12. END