OUTPUT

```
Add Book
View All Books
Search Books by Category
Search Book by ID
Delete Book by ID
Update Book by ID
 D:\JAVA\Projects>javac BookMgmt_Enum.java
 D:\JAVA\Projects>java BookMgmt_Enum
      == Book Management System ===
 1. Add Book
2. View All Books
                                                                                                       6. Updat
7. Exit
 2. View ALL BOOKS
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
                                                                                                       Enter choice: 1
Enter Book Title: Discovery of India
Enter Author Name: Jawaharlal Nehru
                                                                                                        Available Categories:
  7. Exit
                                                                                                           FICTION SCIENCE
 Enter choice: 2
No books available.
                                                                                                           HISTORY
TECHNOLOGY
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
                                                                                                       Enter Category: history
Book Added Successfully!
                                                                                                       1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
 Enter choice: 3
 Available Categories:
- FICTION
      SCIENCE
 HISTORYTECHNOLOGY
                                                                                                       Enter choice: 1
Enter Book Title: Java: A Beginner's Guide
Enter Author Name: Herbert Schildt
  COMICS
 Enter Category to Search: fiction
                                                                                                        Available Categories:
                                                                                                           FICTION
 Books in FICTION:
No books found in this category.
                                                                                                           SCIENCE
                                                                                                           HISTORY
TECHNOLOGY
 1. Add Book
 2. View All Books
                                                                                                       Enter Category: technology
Book Added Successfully!
 1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
 Enter choice: 4
No books available to search.
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
                                                                                                       Enter choice: 1
Enter Book Title: Tintin
Enter Author Name: Herge
                                                                                                       Available Categories:
                                                                                                           FICTION SCIENCE
 Enter choice: 5
No books available to delete.
                                                                                                           HISTORY
                                                                                                           TECHNOLOGY
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
                                                                                                           COMICS
                                                                                                       Enter Category: comics
Book Added Successfully!
                                                                                                       1. Add Book
2. View All Books
                                                                                                       2. View ALL Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
 Enter choice: 6
No books available to update.
  1. Add Book
                                                                                                       Enter choice: 2
 1. Add Books
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
                                                                                                       [1] The White Tiger by Aravind Adiga (FICTION)
[2] Ignited Minds by A.P.J. Abdul Kalam (SCIENCE)
[3] Discovery of India by Jawaharlal Nehru (HISTORY)
[4] Java: A Beginner's Guide by Herbert Schildt (TECHNOLOGY)
[5] Tintin by Herge (COMICS)
       Exit
 Enter choice: 1
Enter Book Title: The White Tiger
Enter Author Name: Aravind Adiga
Available Categories:
                                                                                                             Tintin by Herge (COMICS,
Add Book
View All Books
Search Books by Category
Search Book by ID
Delete Book by ID
Update Book by ID
 - FICTION
- SCIENCE
 - HISTORY
 - TECHNOLOGY
                                                                                                       7. Exit
Enter choice: 3
Available Categories:
  - COMICS
 Enter Category: fiction
 Book Added Successfully!
                                                                                                           FICTION SCIENCE
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
                                                                                                            HISTORY
                                                                                                            TECHNOLOGY
                                                                                                       Enter Category to Search: technology
                                                                                                       Books in TECHNOLOGY:
[4] Java: A Beginner's Guide by Herbert Schildt (TECHNOLOGY)
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
Enter choice: 5
                                                                                                          ooks in TECHNOLOGY:
 Enter choice:
 Enter Book Title: Ignited Minds
Enter Author Name: A.P.J. Abdul Kalam
Available Categories:
 - FICTION
- SCIENCE
      HISTORY
      TECHNOLOGY
                                                                                                       Enter choice: 5
Enter Book ID to Delete: 3
Book with ID 3 deleted successfully.
      COMICS
 Enter Category: science
Book Added Successfully!
```

```
Add Book
 2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
 7. Exit
Enter choice: 2
All Books:
[1] The White Tiger by Aravind Adiga (FICTION)
[2] Ignited Minds by A.P.J. Abdul Kalam (SCIENCE)
[4] Java: A Beginner's Guide by Herbert Schildt (TECHNOLOGY)
[5] Tintin by Herge (COMICS)
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
7. Exit
Enter choice: 6
Enter Book ID to Update: 5
Enter New Title (leave blank to keep unchanged): Amar Chitra Katha
Enter New Author (leave blank to keep unchanged): Anant Pai and others
Available Categories:
- FICTION
    SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
Enter New Category (leave blank to keep unchanged): comics
Book Updated: [5] Amar Chitra Katha by Anant Pai and others (COMICS)
1. Add Book
2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
     Exit
Enter choice: 2
All Books:
[1] The White Tiger by Aravind Adiga (FICTION)
[2] Ignited Minds by A.P.J. Abdul Kalam (SCIENCE)
[4] Java: A Beginner's Guide by Herbert Schildt (TECHNOLOGY)
[5] Amar Chitra Katha by Anant Pai and others (COMICS)
      Add Book
 2. View All Books
3. Search Books by Category
4. Search Book by ID
5. Delete Book by ID
6. Update Book by ID
     Exit
Enter choice: 7
Exiting Book Management System...
 D:\JAVA\Projects>
```