OUTPUT

```
D:\JAVA\Projects>javac BookMgmt_Enum.java

D:\JAVA\Projects>java BookMgmt_Enum

=== Book Management System ===
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: 2
No books available.

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
- HISTORY
- TECHNOLOGY
- COMICS
Enter Category to Search: fiction

Books in FICTION:
No books found in this category.

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: 5
No books available to delete.

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
No books available to update.

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: The White Tiger
Enter Author Name: Aravind Adiga
Available Categories:
- FICTION
- SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
Enter Category: fiction
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: 1
Enter Book Title: Ignited Minds
Enter Author Name: A.P.J. Abdul Kalam
Available Categories:
- FICTION
- SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
Enter Category: science
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: 1
Enter Book Title: Discovery of India
Enter Author Name: Jawaharlal Nehru
Available Categories:
- FICTION
- SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
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: 1
Enter Book Title: Java: A Beginner's Guide
Enter Author Name: Herbert Schildt
Available Categories:
- FICTION
- SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
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: 1
Enter Book Title: Tintin
Enter Author Name: Herge
Available Categories:
- FICTION
- SCIENCE
- HISTORY
- TECHNOLOGY
- COMICS
Enter Category: comics
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: 2

All Books:
[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)
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
- HISTORY
- TECHNOLOGY
- COMICS
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
Enter Book ID to Delete: 3
Book with ID 3 deleted 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: 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
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] 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
7. Exit
Enter choice: 7
Exiting Book Management System...

D:\JAVA\Projects>
```