**Q. ADO.NET Exercise**

**1.2 Book Store application**

It is an application through which an owner of the book store will be able to manipulate records from a database table maintained by that book store

**1.2.1 Objective**

To get to know how to interact with database in connected manner..

**1.2.2 Problem Statement**

You need to develop an application for a book store where owner of the store will be able to

a. Find out any book from the database with the help of the book name, along with numerous details about the book.

The database should maintain a table, **BookDetailstable** containing following information:

1. Book Name

2. Book Id (primary key)

3. Author Name

4. Publisher name

5. No of copies

6. Price

The data should be retrieved in a **connected manner**.

Note: If the owner does not remember the full name of the book, he/she can use partial name (few characters in that name) of the book to search the book.

**Provide the following options**

1. Adding the information about new books.

2. Filter criteria to display book information based on the chosen BookCode. On giving the user input for **BookCode,** the existing code values from the database should be displayed.

3. Modifying the filtered book information to update a matching row in the data-base table.

4. Deleting the filtered book information about existing books based on the filter criteria to delete a matching row in the database table.

(Note : Before Update or delete , the row should be filtered and displayed as well. )