

# MongoDB Exercise Question 01

## Question:

1. Create a MongoDB database named `library`. Inside this database, create a collection named `books`.
2. Insert the following documents into the `books` collection:

```
{ "title": "The Great Gatsby", "author": "F. Scott Fitzgerald", "year": 1925 }  
{ "title": "1984", "author": "George Orwell", "year": 1949 }  
{ "title": "To Kill a Mockingbird", "author": "Harper Lee", "year": 1960 }  
{ "title": "Moby-Dick", "author": "Herman Melville", "year": 1851 }
```

## Question:

1. Query the `books` collection to find all books published before 1950.
2. Query the `books` collection to find a book by its title, "1984".

## Question:

1. Retrieve only the `title` and `author` fields of all books in the `books` collection.
2. Retrieve the `title` and `year` fields of the books published after 1950.

## Question:

1. Retrieve books published in the year 1960.
2. Retrieve books published after the year 1950 but before 1980.

## Question:

1. Retrieve books whose `year` is either 1925, 1949, or 1960.
2. Retrieve books written by either "George Orwell" or "Harper Lee".

## Question:

1. Count how many books were published after 1950.
2. Count the number of books written by "Harper Lee".