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## Self-Made Assignment - C Language

### Concept of File and File Handling in C Language

#### Assignment: Store and Display Book Information Using Union

Create a C program that uses a union to store book information. Each book can be identified by only one of the following at a time:

- Book ID (integer)
- ISBN Number (integer)
- Book Title (string)

The program should:

1. Use a union to define these fields.
2. Ask the user to enter **one** of the three details.
3. Store and then display that information.
4. Explain that only one value can be stored at a time in a union.

#### Instructions:

1. Define a union named Book with three members:
  - int book\_id
  - long isbn
  - char title[100]
2. Ask the user what they want to enter:
  - 1 → Book ID
  - 2 → ISBN
  - 3 → Book Title
3. Use a switch statement or if-else to take the appropriate input.
4. Display the stored value.

#### Output:

```
Choose what to enter:
1. Book ID
2. ISBN Number
3. Book Title
Enter your choice: 2
Enter ISBN Number: 123456789
Stored ISBN: 123456789
```

