CP Lab FA 23 BSE-1(B) Open Ended Lab 2
Time: 2 hrs + 1 hrs (Evals)
Total: 25 (Weightage: 6%)

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## Task 2: Section B - Advanced Functions and Structures

**Objective:** Develop a C++ program that involves advanced operations with functions and structures.

## Requirements:

- 1. Define a structure named "Book" with attributes such as title, author, publication year, and genre.
- 2. Write a function to input details for six books, including their publication years and genres.
- 3. Create a function to categorize books into two separate arrays: one for fiction and one for non-fiction, without using dynamic arrays.
- 4. Implement a function to find the book with the earliest publication year in each category.
- 5. Display the details of the books in both categories along with the earliest published books.

Note: Creativity in your approach towards developing the above task will be encouraged and rewarded