

# Online Book Store



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# Introduction

- An Online Book Store is a software system that allows users to view and purchase books digitally.
- This project is a console-based application developed using the C++ programming language.
- The system provides basic features such as viewing books, searching books, adding items to a cart, and generating a bill.
- The project is designed using fundamental programming concepts suitable for beginners.
- The main purpose is to understand logic building and core C++ concepts through a practical application.

# Scope of the Project

- The project focuses on developing a simple console-based Online Book Store using C++.
- It allows users to view available books and check their details such as price and stock.
- Users can search for books and add selected books to a shopping cart.
- The system calculates the total bill for the selected books.
- The project uses basic programming concepts like loops, conditions, functions, structures, and arrays.
- Advanced features such as file handling, user authentication, and online payments are not included.

# Tools and Technologies

- **Programming Language:** C++
- **Application Type:** Console-based application
- **Development Environment:** Any C++ compiler (Dev-C++)
- **Operating System:** Windows

# Concepts Used

- Loops
- Conditional statements
- Switch case
- Functions
- Structures
- Arrays

# Features

Online Book Store Project.cpp

```
1 #include <iostream>
2 #include<conio.h>
3 #include <cstring>
4 #include <windows.h>
5 using namespace std;
6
7 struct Book{
8     int id;
9     char name[50];
10    char author[50];
11    float price;
12    int stock;
13 };
14
15 struct Cart {
16     int id;
17     char name[50];
18     float price;
19     int quantity;
20 };
```

```
===== Welcome to the ONLINE BOOK STORE =====
Hey There, What you want us to do for you?
=====
1. View All Books
2. Search Book
3. Add Book to Cart
4. View Cart
5. Remove Book from Cart
6. Checkout
7. Exit

Enter the option:
```

Compile Log Debug Find Results Close

- View books
- Search book
- Add to cart
- Remove from cart
- Billing system

# Limitations

- No file handling
- No login system
- No Admin Panel
- Data is temporary

# Why choose this topic ?

- This topic helps in understanding the basic concepts of C++ programming in a practical way.
- It is a real-world application that is easy to understand and relate to.
- The project allows the use of fundamental programming concepts such as loops, conditions, functions, and structures.
- It improves problem-solving and logical thinking skills.
- The topic is suitable for a beginner-level semester project and can be easily explained during viva.

# Thank you so much



If you have any question, you can ask....