```
===== 📖 LIBRARY MANAGEMENT SYSTEM =====
1. Add Book
2. Display All Books
3. Issue Book
4. Return Book
5. Search Book
6. Exit
Enter your choice (1-6): 1
Enter Book ID: 111
Enter Book Title: cse
Enter Author Name: km

✅ Book 'cse' added successfully!

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```

main.py

Run

```
        available=True):
        self.book_id = book_id
        self.title = title
        self.author = author
        self.available = available

    def __str__(self):
        status = "Available" if self.available
            else "Issued"
        return f"{self.book_id}\t{self
            .title}\t{self.author}\t{status}"


class Library:
    def __init__(self):
        self.books = []

    def add_book(self, book):
        self.books.append(book)
        print(f"\n✅ Book '{book.title}' added
            successfully!")

    def display_books(self):
        if not self.books:
            print("\n⚠️ No books available in
                the library.")
            return
        print("\n📚 Library Books:")
        print("ID\tTitle\tAuthor\tStatus")
        for book in self.books:
            print(book)

    def issue_book(self, book_id):
        for book in self.books:
            if book.book_id == book_id:
                if book.available:
                    book.available = False
                    print(f"\n📖 '{book
                        .title}' has been
                        issued successfully!")
                else:
                    print(f"\n❌ '{book.title}'
                        is already issued.")
                return
        print("\n⚠️ Book ID not found.")

    def return_book(self, book_id):
        for book in self.books:
            if book.book_id == book_id:
                if not book.available:
                    book.available = True
                    print(f"\n🔁 '{book
                        .title}' has been
                        returned successfully!"
                        )
                else:
                    print(f"\n❌ '{book.title}'
                        was not issued.")
                return
        print("\n⚠️ Book ID not found.")

    def search_book(self, keyword):
        found = False
        print("\n🔍 Search Results:")
        for book in self.books:
            if keyword.lower() in book.title
                .lower() or keyword.lower() in
                book.author.lower():
                print(book)
                found = True
        if not found:
            print("❌ No matching books found."
                )


# -------------------- MAIN PROGRAM
    --------------------
library = Library()
```

Output

Clear

```
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