

## **Exercise 4**

1. Implement the above functions in Python and show how they work together in a real-world scenario where:
  - You greet a customer.
  - They order food items.
  - You calculate their bill.
  - Apply discounts if applicable.
  - Finally, use recursion to show a countdown until their order is ready.
2. Implement the above functions in Python and demonstrate a complete flow where:
  - You register members.
  - Add new books to the library.
  - A member borrows a book.
  - Use recursion to simulate a countdown of days until the book is due.