KSU\_ASCSC\_CSC1203 (Introduction to DB)

**Homework 1 : Due on Thursday 31 Jan , 8:00am**

**submitted to s.moodawah@gmail.com**

**Draw ER Diagram For each question bellow .**

1. **Using UML notation**
2. **Using chen notation . (ER notion)**

**Q1)** Consider the database of an online bookstore. Every book has a title, isbn, year and price. The book might be written by multiple authors and published by a publisher.

For authors, the database keeps the name, address, date of birth, age and the url of their homepage. For publishers, the database keeps the name, address, phone numbers and the url of their website.

The store has several warehouses, each of which has a code, address and phone number. The warehouse stocks several books. A book may be stocked at multiple warehouses.

The database records the number of copies of a book stocked at various warehouses. The bookstore keeps the name, address, email-id, and phone number of its customers.

A customer owns several shopping basket. A shopping basket is identified by a basketID and contains several books. Some shopping baskets may contain more than one copy of same book. The database records the number of copies of each book in any shopping basketQ2)