

CS430/CS630  
Final Exam  
August 16, 2023

Use the following database schema:

Customers(cid:int, name:string, age:real, city:string, state:string)

Buys(cid:int, bid:int, purchasedate:date)

Books(bid:int, title:string, author:string, genre:string, pubyear:int, stars:int)

Primary keys are underlined in each table.

Customers table contain information about customers. A customer is identified by the cid. A customer also has a name, an age, a city and a state.

Books are identified by bid. A book also has a title, an author, a genre (e.g.: genre='fiction'), a publication year (attribute pubyear) and a rating.

Customers buy books. When a customer buys a book, a record is inserted into Buys table which contains the cid of the customer, the bid of the purchased book and the purchasedate.