

## CS122 Using Relational Databases and SQL

### The Store Database

Chengyu Sun  
California State University, Los Angeles

## The Store Database

- ◆ Four tables
  - products
  - customers
  - orders
  - order\_details

## The Products Table

products

id	category	description	price
1	CPU	Intel Core 2 Duo	\$200.00
2	CPU	Intel Pentium D	\$98.99
3	CPU	AMD Athlon 64	\$74.49
4	CPU	AMD Athlon 64x2	\$115.98
5	HD	Seagate 320G	\$77.49
6	HD	Maxtor 250G	\$60.89

## The Customers Table

customers

id	first_name	last_name	address
1	John	Doe	123 Main St., Los Angeles, CA 90001
2	Jane	DOE	123 Main St., Los Angeles, CA 90001
3	tom	smith	456 State St., Los Angeles, CA 90002

## The Order Tables

orders

id	customer_id	date_ordered	date_shipped
1	1	5/29/2007	6/5/2007
2	2	6/1/2007	null

order\_details

order_id	product_id	quantity
1	1	2
1	5	2
2	2	1

## Placing an Order

- ◆ Tom ordered one Athlon 64 CPU and two Maxtor 250G hard drives on 6/11/2007
- ◆ *What record(s) should be added to orders and order\_details??*