###### **Cairo University**

**Faculty of Computers and Information Information Systems Department Database Systems 1**

**Examples on converting ER Model to Relational Model**

**Example 1:**

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customer (cust\_id, name, street\_address, city)

loan (loan\_id, amount)

borrow (cust\_id, loan\_id, access\_date)

**Example 2:**



**Customer** (CustomerID, Name, Address, Phone)
**Order** (OrderNumber, OrderDate, SalesPerson, CustomerID)

**Example 3:**

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**Customer** (CustomerID, Name, Address, Phone)
**Order** (OrderNumber, OrderDate, SalesPerson, CustomerID)
**OrderItems**(OrderNumber, ItemNumber, PartNumber, Quantity, Price)

**Example 4:**



Person (SSN, FirstName, LastName, Address, Birthdate)
Hobbies (SSN, Hobby)

**Example 5:**



M

N

S2000Courses (CrsCode, SectNo, Enroll)
Professor (Id, DeptId, Name)
Teaching (CrsCode, SecNo, Id, RoomNo)