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CSE 385
02/15/2016
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Exercise 1

Exercise 2
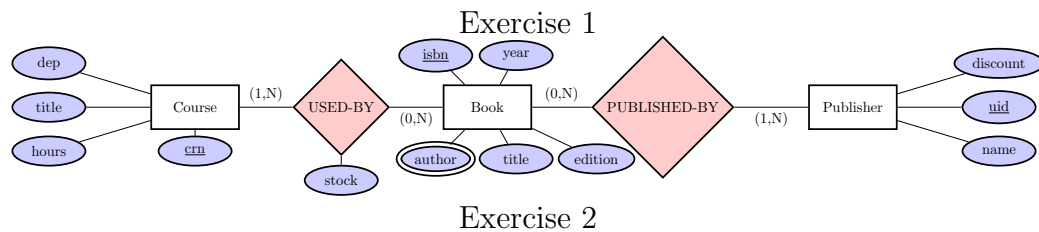
Student
key - Student_number
Super key - (Name,class,major),(key,any other attributes)
Course
key - Course_number
Super key - (Name,hours,department),(key,any other attributes)
Prerequisite
key - Prerequisite_number
Super key - (key,Course_number)
Section
key - Section_identifier
Super key - (Course_number ,semester,year),(key,any other attributes)
Grade_Report
key - (Student_number , Section_identifier)
Super key - (key,any other attributes)

Exercise 3

Foreign keys - Serial_no , Salesperson_id

CAR

Serial_no	model	Manufacturer	Price
7689	explorer	ford	2500
8790	fiero	pontiac	850
9509	sky	saturn	3400

OPTION

Serial_no	Option_name	Price
7689	Tow	50
8790	Spoiler	120
9509	Sun Roof	1000

SALE

Salesperson_id	Serial_no	Date	Sale Price
10	7689	02/14/2016	2000
11	8790	01/15/2015	3000
12	9509	12/28/2015	4000

SALESPERSON

Salesperson_id	Name	Phone
10	Mary	555-5324
11	Molly	555-2124
12	John	555-1235

failed insert

Salesperson_id	Serial_no	Date	Sale Price
15	7689	02/15/2016	2100

Since 15 is not a valid id for SALESPERSON. The referential integrity is broken.

successful insert

Salesperson_id	Serial_no	Date	Sale Price
10	7689	02/01/2016	2200

However this is fine, because 10 is a defined salesperson.