Homework 2

Question 1

1. University-Student Aggregation
2. Student-Teaching Assistant Inheritance
3. Student-Freshman Neither
4. Student-Professor Aggregation
5. Car-Door Aggregation
6. Truck-Vehicle Inheritance
7. Traffic-Traffic Sign Neither
8. Traffic Sign-Color Aggregation

Question 2

1. Student-Course One or more (1..\*)
2. Course-Section Any number (\*)
3. Section-Instructor Exactly one (1)
4. Section-Room Exactly one (1)

Question 3

Scanner

Tester

Create new scanner with “Hello World”

Check if has next

Print “Hello”

Check if has next

Print “World”

Check if has next

1. Variation 1:

Telephone

Connection

Mailbox

Check Log in

Dial

User logs in

Speak

Dial

User selects “change your greeting”

Speak

Record

User speaks greeting

Dial

Change Greeting

User enter #

Variation 1

Telephone

User Hangs Up

Record

User speaks greeting

Speak

Dial

User selects “change your greeting”

Speak

Check Log in

Dial

User logs in

Mailbox

Connection

Detects hang up