

## Quiz 5

30 November 2011

The four tables below are a representation of some of the information in the MyLIU course registration database. The star “\*” next to a column name indicates it is a primary key for that table. An arrow “↑” next to a column name indicates it is a foreign key to another table.

**Course:**

ID*	Dept.	Number	Title
1	CS	101	Intro to Computer and Info Sciences
2	CS	102	Programming 1
3	Phi	150	Philosophy of Mind
4	CS	117	Programming 2

**CourseOffering:**

ID*	CourseID↑	Section	Time	Instructor
1	1	001	MW9	League
2	1	002	Tu6	Devi
3	2	001	MW11	Rodriguez
4	3	001	TuTh3	Cuonzo
5	4	001	MW9	Chung

**Student:**

ID*	Last	First	Major	DateOfBirth
1	Arcila	Alice	CS	1990/01/15
2	Barker	Bob	Phi	1989/02/23
3	Chan	Charles	CS	1984/03/24
4	Drew	Diane	CS	1991/05/08

**Registration:**

StudentID↑	OfferingID↑	Grade
1	1	A
1	5	A-
2	4	B+
2	3	A-
3	1	A
4	2	B+
4	3	A

(Questions are on the next page.)

1. Who is the youngest student in the database? \_\_\_\_\_
2. Who is the instructor for “Philosophy of Mind?” \_\_\_\_\_
3. Do two or more course offerings occur on the same day and time? Answer with their department/number designation (CS 256) or their title.

\_\_\_\_\_

4. Which instructor(s) are teaching CS 101?

\_\_\_\_\_

5. Which classes is Bob Barker taking? Answer with their department/number designation (CS 256) or their title.

\_\_\_\_\_

6. Which students are taking any section of CS 101? (Answer with their first and last name.)

\_\_\_\_\_

\_\_\_\_\_

7. Which tables did you have to consult to answer the previous question?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. Summarize how Alan Turing proposed, in 1950, to determine whether machines are capable of human-level intelligence.