

Quiz 5

9 April 2012

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	Smith
2	1	002	Tu6	Rao
3	2	001	MW11	Masson
4	3	001	TuTh3	Zwerdling
5	4	001	MW9	Chi

Student:

ID*	Last	First	Major	DateOfBirth
1	Arcila	Arnold	CS	1990/01/15
2	Barker	Brenda	Phi	1989/02/23
3	Chan	Chuck	CS	1984/03/24
4	Drew	Donna	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 Brenda 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.