CST 363 - Intro. to Databases
Harman Gill

Lab: Single-table queries, part 1

Make a serious effort to answer all questions from memory before referring to lecture slides or other resources.

1. Load the 'patient' data into SQLite.

2. Write SQL to answer the question "what are the first names of all patients? Test your SQL with SQLite.

3. What is the difference between a superkey and a candidate key?

4. Write SQL to answer the following questions:

    a. what is the last name of patient 234?

    b. which wards have patients with last name 'Smith'?

    c. what are all the attributes of patients in ward 6?

    d. what are the first and last names of the female patients?

    e. what are the patient numbers and wards of all patients?

    f. what are the patient numbers between 200 and 300, inclusive?

    g. what are the first and last names of patients are in either ward 6 or ward 7?

    h. which wards contain male patients?

    i. what are the last names of patients that are either in ward 3 or are male?

    j. which wards contain both male and female patients?