CSCI 4333 Design of Database Systems Fall 2020 Homework #1

(1) **Establishing EMail Communications with TA and Photos.** Send an email to the TA. The subject heading should be <<class_section>>;H1;<<Your name>>;<<Your Student ID>>,<<Your major>>

For example:

Subject: CSCI4333.1;H1;Bun Yue;0011098;CS

Do the following in the email:

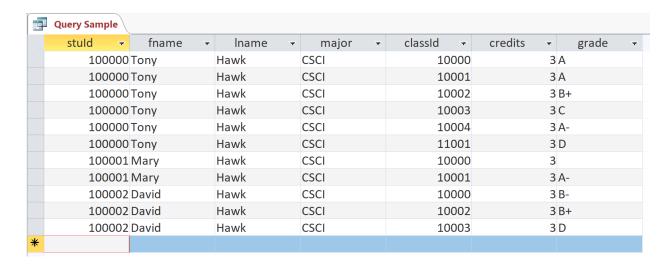
- 1. Attach a recent photo of high quality of yourself of exactly 300 pixel width and 450 pixel height. It should be similar to a passport photo. The image format should be either gif or png.
- 2. In the body for the email, list how you would like to be called. E.g. Like to be called: Bun.

Make sure that you use *UHCL email address* in your communications with the TA and me, whenever possible. Do *not* copy your email or homework to the instructor. This is to establish a communication channel between you and the teaching assistant, and helping us to better communicate with you.

(2) **Simple Access Query.** Use the University DB in Access modified from that of the textbook: <u>toyu.accdb</u>. Show *the screen captures* of the query designs.

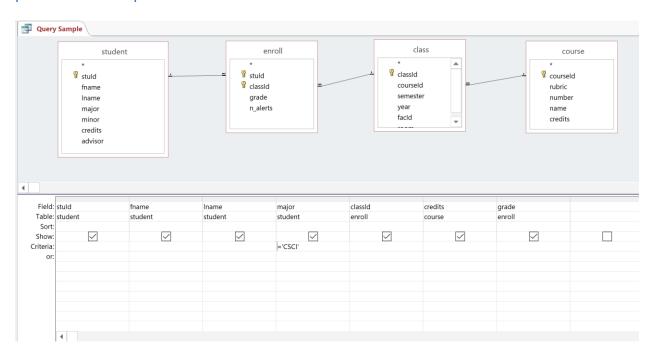
[sample question] So you can check what a suggested solution should look like

Q0. Show the student id, fname, lname, class enrolled, credit of class and grade of class of every 'CSCI' major. The result:



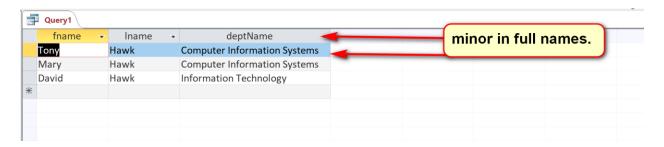
[Suggested solution to the sample question].

Q0. The suggested solution is a screenshot of the MS Access Query Design that produces the expected result tables.

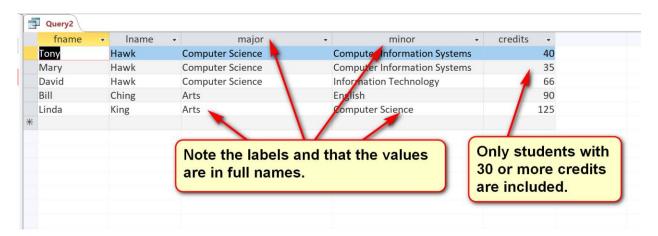


Questions: (Collect your solutions in a single words document and submit it through blackboard)

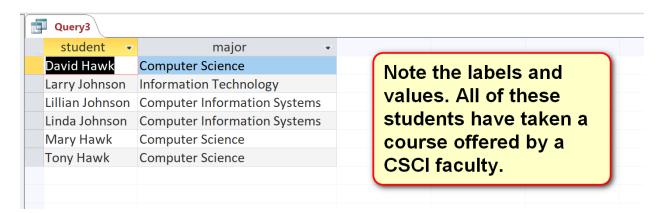
(a) The names and minor names of all students majoring in 'CSCI'. The result:



(b) List the name, major, minor and credits of every students with 30 or more credits in the following format. The result:

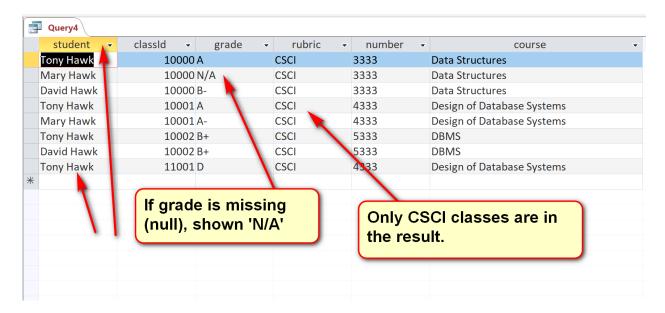


(c) The names the names of their majors of students who have taken a course from an instructor of the department 'CSCI' in the following format. The result:

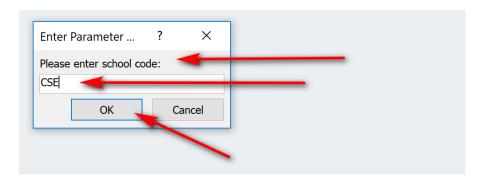


You may need to tinker with the property of the query.

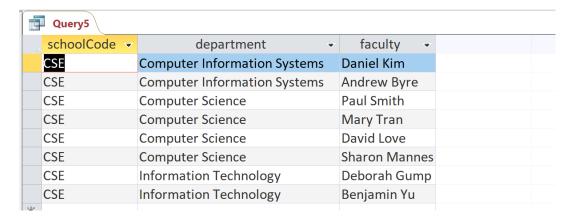
(d) Show the student enrollment information of all 'CSCI' courses in the following format.



(e) When executed, your query shows a pop-up window for the user to enter a school code:



It then shows the department and faculty in the school with the school code:



The solutions to Q2 should be put into a single MS words file, with proper description. Name the file: CSCI4333_<<Section>>_H1_<<Your name>>_<<Your Student ID>>.docx (e.g. CSCI4333_1_H1_JaneDoe_1234567.docx. Submit your homework assignment through Blackboard (except question 1, in which you need to send an email to the TA.) All future homework should be submitted through Blackboard.