

A database has been created for each of you on the mysql system on Taz. Your database is named the same as your username and the password to access the database is your H #.

Please create a batch file name sqlddl.sql which contains SQL commands to do the following:

1. Create a **student** table with fields for SSN, Last Name, First Name, and Phone Number. This table should have a key of SSN.
2. Add at least five different students to the **student** table.
3. Create a **course** table with fields for CRN (key), Coursename, Meetime, Room, and Credits.
4. Add at least five different courses to the **course** table.
5. Create a **schedule** table which is the intersection table for student and course. It should have a key of SSN and CRN and it should also have a field for the grade.
6. Add enough records to the **schedule** table to give each of the students a schedule with at least three courses.
7. Display all the data in the **student** table.
8. Display all the data in the **course** table.
9. Display the join of **student**, **schedule** and **course** which shows what courses each student is taking, and what their grades and credits are, like this (alphabetical by last name and first name):

John Doe	Bible	2	A
John Doe	Algebra	3	B
John Doe	Speech	3	C
Mary Smith	Bible	3	B
Mary Smith	Swimming	1	A
Etc.			

10. Now remove one of the students from the **student** table.
11. Change the phone number of another student in the **student** table.
12. Redisplay the **student** table.

IMPORTANT! Table names in mysql are case sensitive – make sure and use exactly as prescribed, i.e. ‘student’, not ‘STUDENT’ or ‘Student’.

Turn in the file sqlddl.sql on the Easel system.