

Luis Miguel Solis  
Jose Camacho  
David Barrera

## Software Engineer II Final Project

Software Needed:

Eclipse  
MySQL Workbench

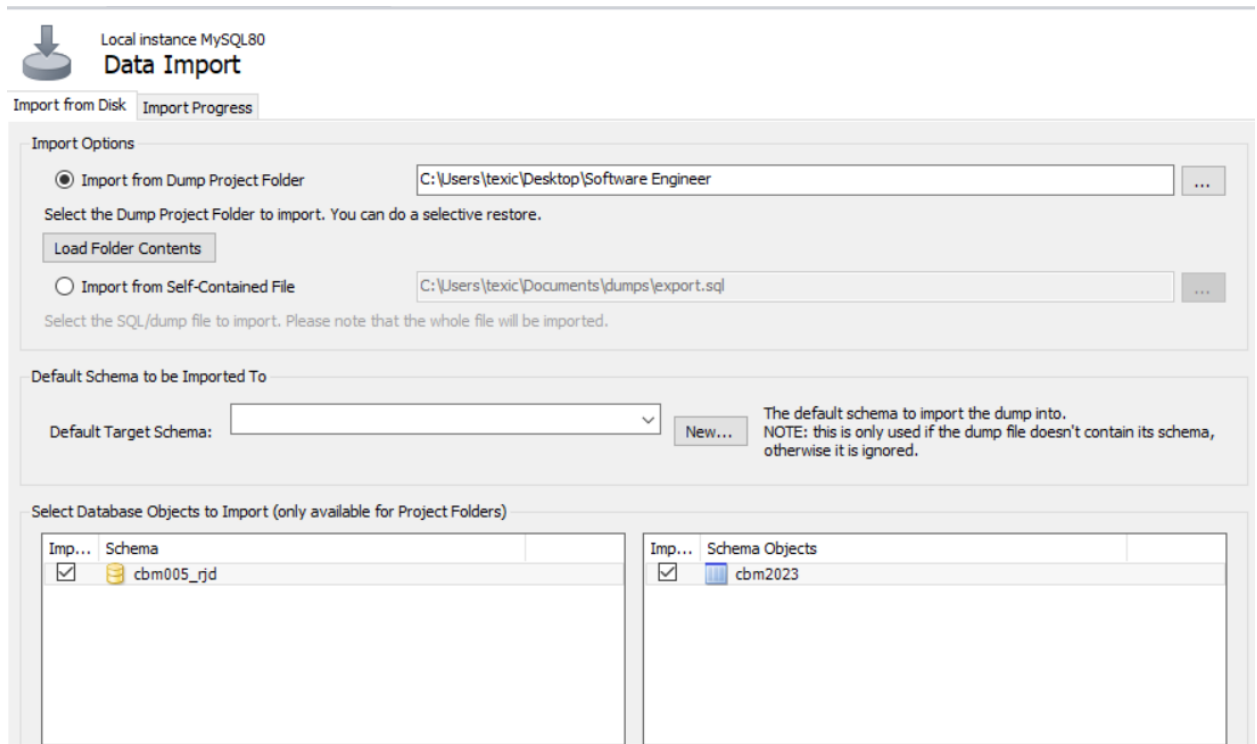
Files Provided:

Eclipse Code  
Java SQL library .jar file  
The Database .sql file

Instructions:

### Data Import

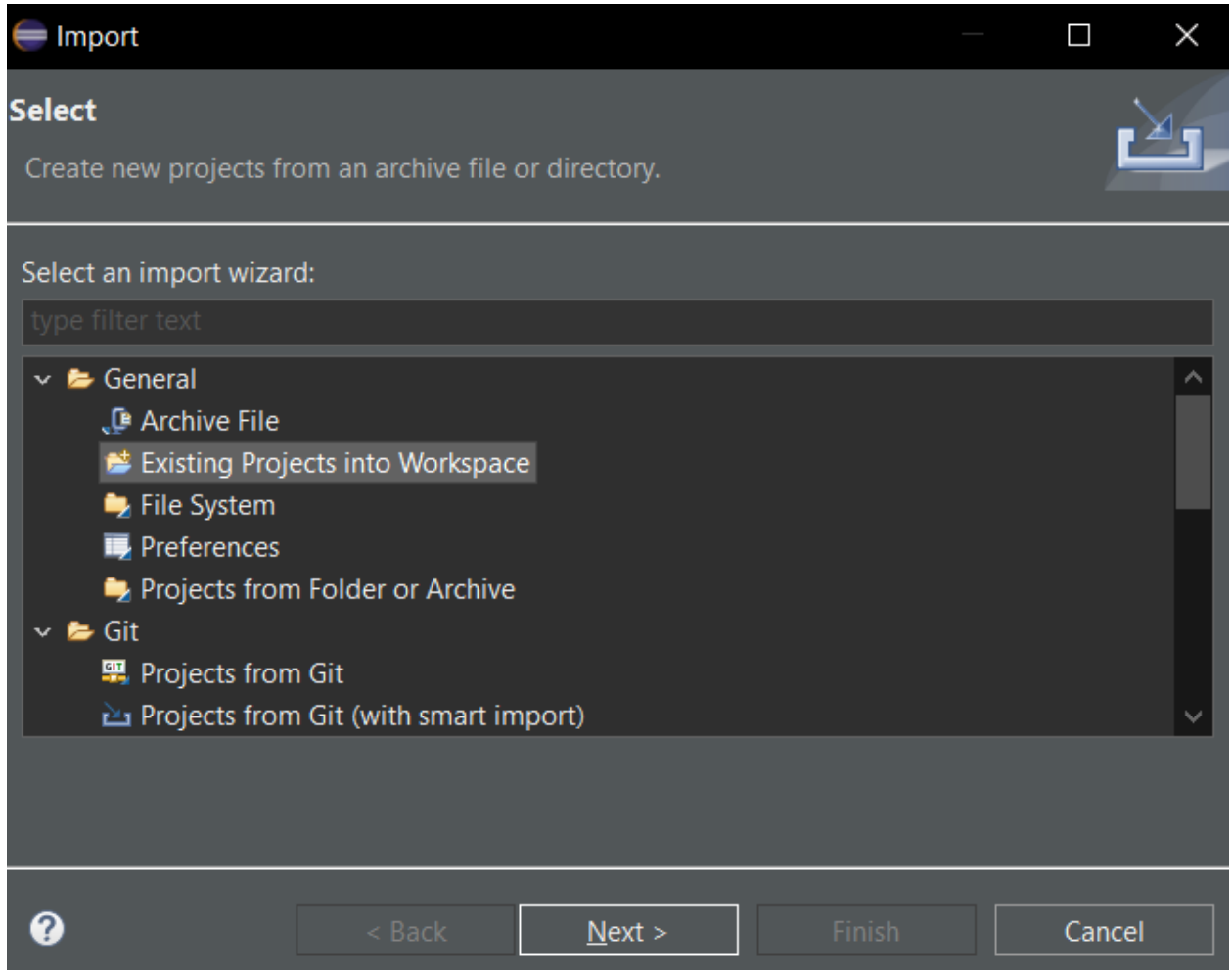
1. Log into MySQL Workbench and make sure to import the .sql file into your SQL Workbench
2. On the top go to Server -> Data Import



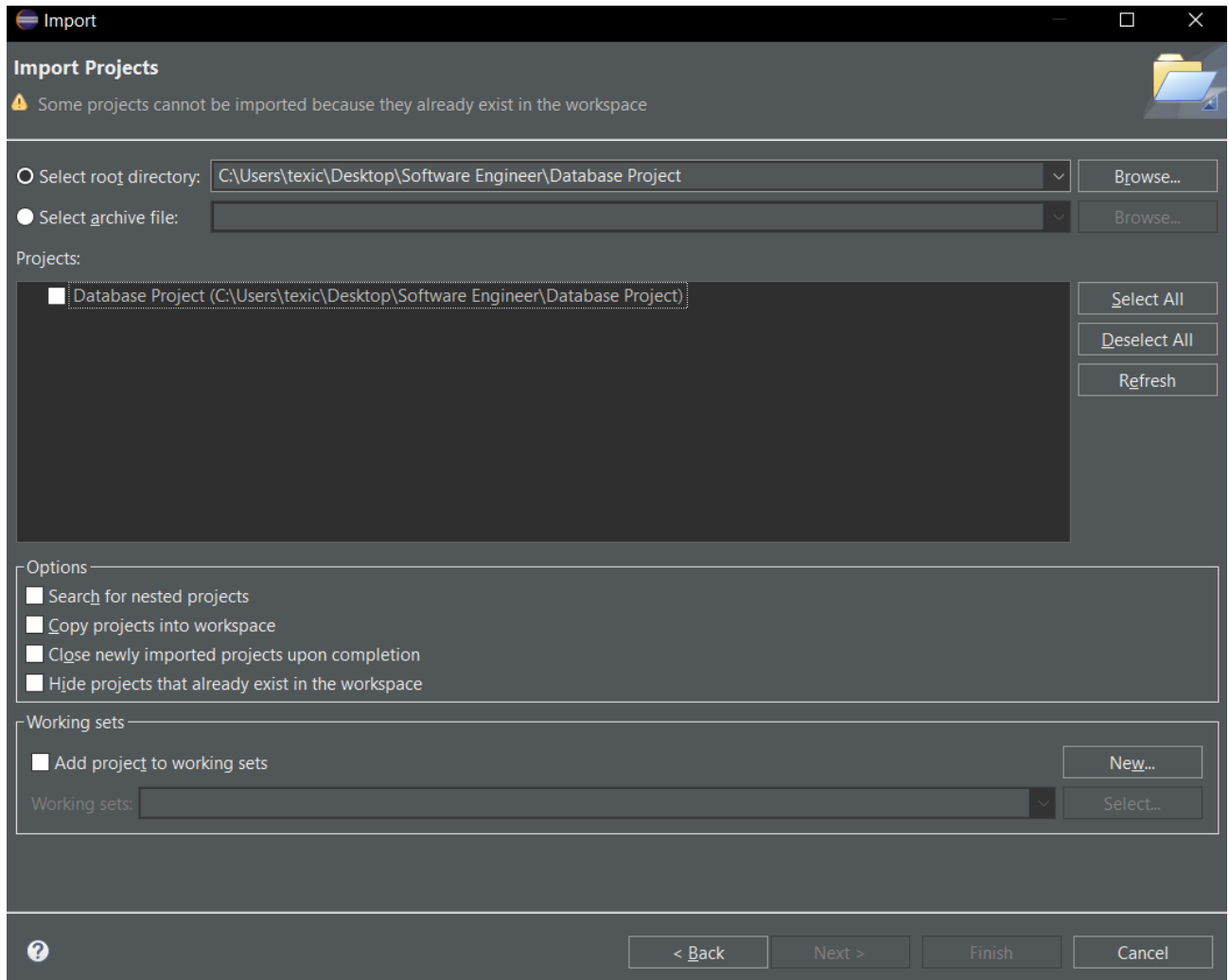
3. Locate the .sql file, in my case it's in the folder that is provided. Go to import progress and start the import.
4. Once that's complete you should have a database loaded into your sql workbench.

## Eclipse Code Import

1. Launch eclipse and go into your workspace.
2. Go to the top and then do File -> Import...
3. Select under General, Existing Projects into Workspace



4. Locate where the program file is and import it



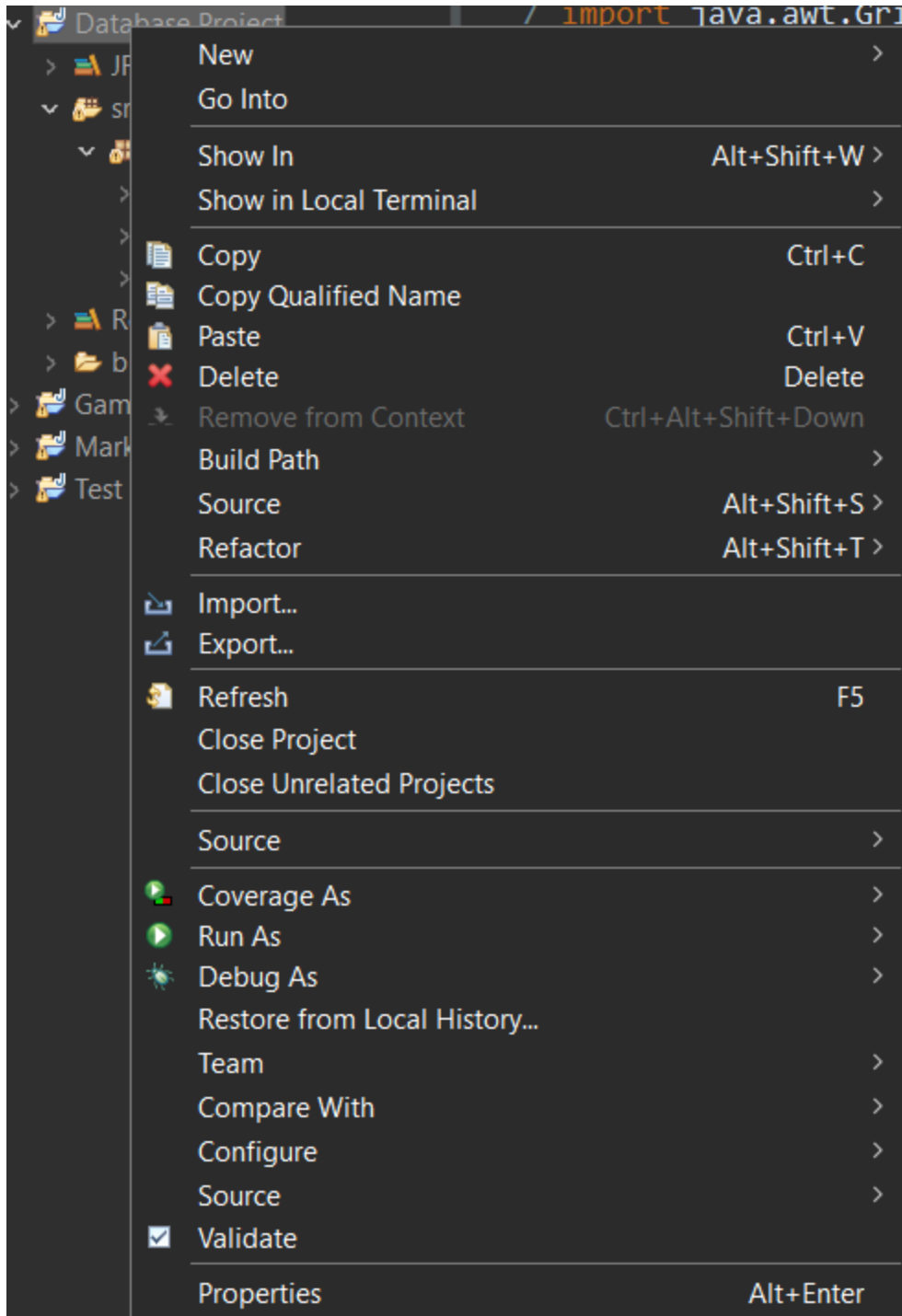
**(You will not receive this warning, I already have it installed. Just find the location and select the project and press finish)**

5. Then you should now have the project in your workspace.

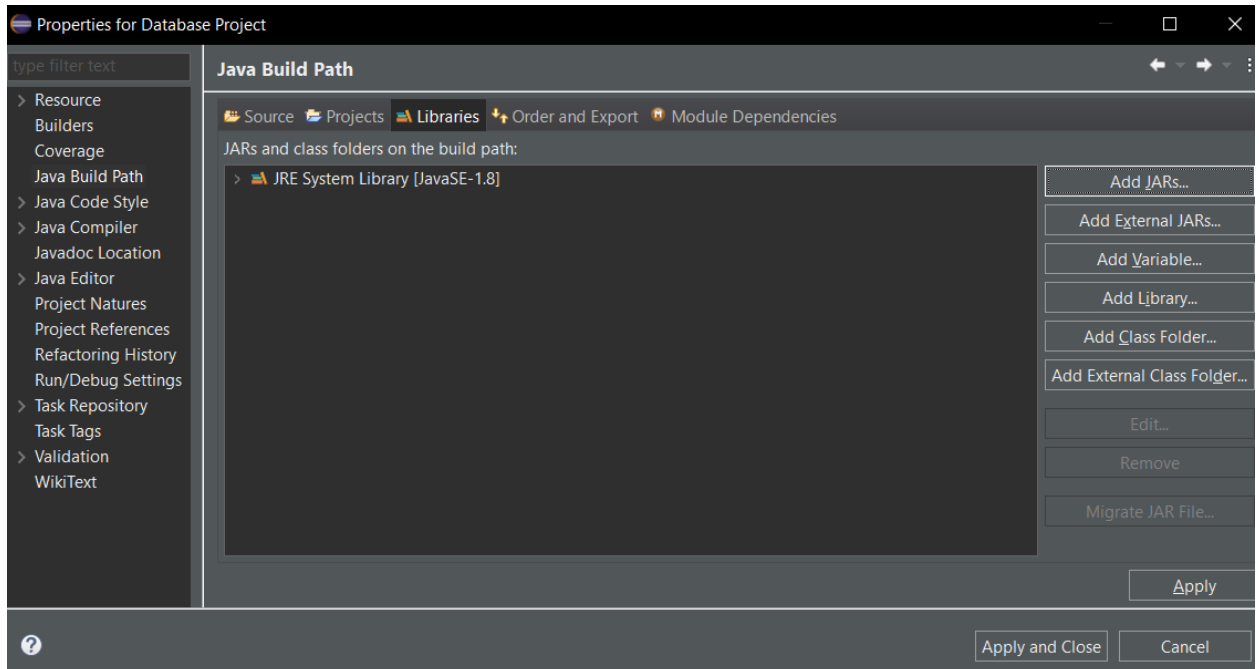
### **SQL Library:**

To run the code it requires a sql jar file to run the code.

1. Now that you have the Code imported into your workspace you are going to right click the folder.



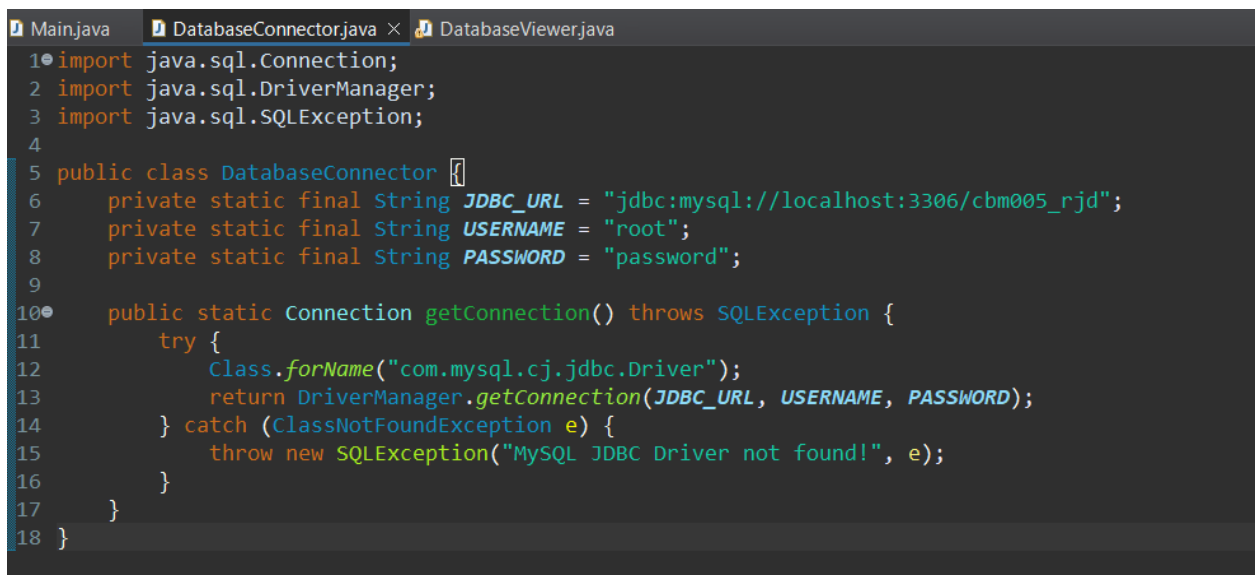
2. Click on Properties on the very bottom
3. Next you are going to go to the libraries tab



4. From here you are going to click Add External JARs...
5. Go to where your jar file is located (mine is on the desktop) and import it. Once it is shown in the Jars folder you can apply and close.
6. Now the code is ready to run.

### Running the Code:

1. Open up the code and go to Database Connector:



2. Here you need to put in your username and password into the USERNAME and PASSWORD string double quotes. **They must match your SQL login.** You shouldn't have to change the JDBC\_URL but make sure that the localhost does match up.

- Once you do that you can run the code. Just click the green arrow to run the main folder, or you can right click the file and go to run as -> java application

Database Viewer

item1	item2	subject	course	crn	item6	building	room	days	time	duration	semester	year
5	003639	AGRI	4171	20002		0517	102	2	1530	050	2	2017
5	003639	ANSC	2307	20003		0517	102	24	0800	075	2	2017
5	003639	ANSC	1419	20004		0517	102	135	0900	050	2	2017
5	003639	ANSC	1419	20005		0533	309	1	1300	110	2	2017
5	003639	ANSC	2310	20007		0512	149	5	1200	050	2	2017
5	003639	ANSC	2310	20008		0517	122	3	1300	230	2	2017
5	003639	ANSC	3304	20009		0517	102	135	1300	050	2	2017
5	003639	ANSC	3305	20010		0517	122	24	0930	050	2	2017
5	003639	ANSC	3305	20011		0544	155	4	1530	110	2	2017
5	003639	ANSC	3309	20013		0517	122	13	1000	050	2	2017
5	003639	ANSC	3309	20014		0517	122	1	1400	170	2	2017
5	003639	ANSC	3309	20015		0517	102	3	1400	170	2	2017
5	003639	ANSC	3335	20016		0509	125	135	0800	050	2	2017
5	003639	ANSC	4307	20017		0535	228	24	1100	075	2	2017
5	003639	ANSC	4308	20018		0560	275	135	1100	050	2	2017
5	003639	ANSC	5351	20024		0544	155	24	1100	075	2	2017
5	003639	RWSC	1110	20025		0509	125	1	1300	050	2	2017
5	003639	RWSC	2330	20026		0533	333	135	1000	050	2	2017
5	003639	RWSC	3385	20028		0509	125	24	1100	075	2	2017
5	003639	RWSC	4319	20031		0512	149	1	0900	110	2	2017
5	003639	RWSC	4319	20032		0509	111	3	0900	110	2	2017
5	003639	RWSC	4380	20034		0509	125	24	0800	075	2	2017
5	003639	RWSC	4382	20035		0512	149	24	1400	075	2	2017
5	003639	WSCI	6387	20043		0533	122	24	1400	075	2	2017
5	003639	WSCI	6390	20044		0560	136	24	1230	170	2	2017

Add Record    Update Records    Delete Records    Search:     Search

Search from: Course ▼

- Here you can see our application. **Note this is still a work in progress, most features do not work yet and the design is not finalized.**
- What does work sort of is Add Record, if you click it you can add a new record only including a CRN (**more fields are being programmed**)

Add Record ✕

CRN:

Add

5	003639	MATH	2413	24114 33445		0533	107	24	0930	075	2	2017
---	--------	------	------	----------------	--	------	-----	----	------	-----	---	------

Here is a new row that I created.

- You can also delete a row using the Delete Records Button. Just click on the CRN you want to delete and press the Button.

5	003639	ACCT	2302	24080		0535	208	24	1400	075	2	
5	003639	BIOL	4355	24081		0524	209	24	1100	075	2	
5	003639	CHEN	3321	24082		0560	218	135	1000	050	2	
5	003639	EDKN	4401	24083					0930	100	2	
5	003639	EEEN	2340	24084					1100	050	2	
5	003639	GEOG	3450	24085					0800	080	2	
5	003639	PSYC	2314	24086					1400	050	2	
5	003639	HIST	1301	24089					0930	075	2	
5	003639	ITEN	3321	24090					1800	225	2	
5	003639	THEA	2310	24091					1000	050	2	
5	003639	ACCT	4345	24093		0535	202	135	1100	050	2	
5	003639	POLS	4363	24096		0533	321	135	1100	050	2	
5	003639	BIOL	4355	24098		0524	100	135	1100	050	2	
5	003639	EEEN	3212	24100		0560	107	3	1200	050	2	
5	003639	MATH	2413	24114		0533	107	24	0930	075	2	
				33445								

Confirm Deletion

Are you sure you want to delete this record?

Yes

No

Add Record

Update Records

Delete Records

Search:

Search

A confirmation will appear, press yes and the row will be deleted.

7. There is still being worked on but that's really all we have so far. If there are any questions we will be happy to answer.