**Program #2:**

Pseudocode:

Class student\_info

Init function with these variables

Fields:

*student id*

*first name*

*last name*

*email*

*age*

*birthday*

*hometown (town and then state)*

then add them into a database with a primary key id

use tkinter to create a window

window displays the information in the database in a label

window holds the different actions

add:

have 7 text inputs that are requesting the info then when the “add” button is pressed add inputs into the student info class to then be added to the database

edit:

3 text inputs with button selecting the row id and column that’s being changed and then the new value they want it to be, update the database

delete:

1 text input with button that chooses which id row, and then removing it from the database

This data could be preadded in the database somewhere

Initial Data:

[(200, ‘Mary’, ‘Smith’, [‘mary.smith@notrealmail.com’](mailto:‘mary.smith@notrealmail.com’), 18, 02-17-2006, ‘Glencoe, MN’), (201, ‘John’, ‘Doe’, [‘john.doe@notrealmail.com’](mailto:‘john.doe@notrealmail.com’), 17, 10-06-2007, ‘Minneapolis, MN’), (202, ‘James’, ‘Brown’, [‘james.brown@notrealmail.com’](mailto:‘james.brown@notrealmail.com’), 19, 11-16-2005, ‘Montevideo, MN’), (203, ‘Leah’, ‘Martin’, [‘leah.martin@notrealmail.com’](mailto:‘leah.martin@notrealmail.com’), 18, 07-30-2006, ‘Rochester, MN’), (204, ‘Noah’, ‘Wilson’, [‘noah.wilson@notrealmail.com’](mailto:‘noah.wilson@notrealmail.com’), 18, 05-20-2006, ‘Lakeville, MN’), (205, ‘Amy’, ‘Johnson’, [‘amy.johnson@notrealmail.com’](mailto:‘amy.johnson@notrealmail.com’), 19, 12-02-2005, ‘Edina, MN’), (206, ‘William’, ‘Taylor’, [‘william.taylor@notrealmail.com’](mailto:‘william.taylor@notrealmail.com’), 17, 09-18-2007, ‘Duluth, MN’), (207, ‘Jacob’, ‘Jones’, [‘jacob.jones@notrealmail.com’](mailto:‘jacob.jones@notrealmail.com’), 18, 05-05-2006, ‘Mankato, MN), (208, ‘Emma’, ‘Jackson’, [‘emma.jackson@notrealmail.com’](mailto:‘emma.jackson@notrealmail.com’), 17, 06-01-2007, ‘Anoka, MN’), (209, ‘Henry’, ‘Miller’, [‘henry.miller@notrealmail.com’](mailto:‘henry.miller@notrealmail.com’), 18, 10-23-2006, ‘Minnetonka, MN’)]