CSC 365 Lab 2
Cameron Storton, Zachary Richardson, Weston Gilmore

Initial decisions:
Programmed in python3 using vim

Internal architecture:
We used a 2-D array to hold the parsed students.txt and
teachers.txt files to eliminate the need to read in the text files every time,
saving considerable processing. A dictionary was used to hold the valid types of
queries, with the dictionary value corresponding to the query handling
function. A function was added to allow for easy teacher querying given a classroom
number, which allowed for our existing code to still be viable once this new function
was inserted.

Task log:
- Adding new queries: Zachary Richardson 40 minutes; Cameron Storton 1 hour 15 minutes
- Updating old queries: Zachary Richardson, 20 minutes; Cameron Storton 30 minutes
- Error checking: Zachary Richardson, 10 minutes; Cameron Storton 5 minutes; Weston Gilmore, 20 minutes
- Writing tests: Zachary Richardson 20 minutes; Cameron Storton 10 minutes; Weston Gilmore, 20 minutes
- Writeup: Zachary Richardson, 10 minutes; Cameron Storton, 5 minutes; Weston Gilmore, 10 minutes

Notes on testing:
After parsing and storing the new data files, the first goal was to overhaul
the program such that it would pass our previous lab's tests. After this was
completed, we began designing tests for the new requirements.

Final Notes:
The program works correctly with all inputs.