

## Lab 4

Start with the code in `~lliang/cs162/labs/lab4`. You will want to copy it into a directory of your own.

Implement the three member functions specified in `student.h`. You need to fill in the implementation in `student.cpp`:

- `Student(const char initId[], double gpa)`  
the above function will initialize a newly created student object with the passed in value
- `bool isLessThanByID(const Student& aStudent)`  
the above function will compare the current student object with the passed in one by id.
- `bool isLessThanByGpa(const Student& aStudent)`  
the above function will compare the current student object with the passed in one by gpa.

`app.cpp` is used to test your code.

You can build the app using the `make` utility, which is supported by the file named `makefile` provided in the directory.

For lab4 submission, copy the function **`Student(..)`** and **`bool isLessThanByID(..)`** implementation into `lab4.txt`, then append the output of the app to the file using the command line below. ftp `lab4.txt` to your local machine and upload it to the Desire2Learn dropbox.

```
./app >> lab4.txt
```