**HW3: RecordFile**

Due: May 15th, 23:59

This is an assignment for using template class RecordFile for class **Student** and class **CourseRegistration.** Assume that a student record has a fixed-length record with fixed fields and a CourseRegistration record has a delimited has a variable-length record with delimited fields.

1. Implement a program to write and read 2 class objects using RecordFile

The next part of the programming projects is in HW4.

Requirements:

* The program should be compiled and executed in the Linux environments.
* Students compile their programs using g++ and make utility
* Please use separate compile (multiple compile)
* \*.cpp files for IOBuffer and BufferFile class **should be complied as a shared library**. Study the makefile of the source code repository.
* The template class RecordFile should be inherited from BufferFile.
* Test your program by using more than 10 Student objects and 10 CourseRegistration objects, respectively.

What to submit

* Please upload your source codes, Makefile, the report file (soft copy) **to your github repository** with a push command.
* Use an attached file as a report template.