

ArrayList Project

AP Java

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Due September 29, 2014 at 11 AM

Worth 100 Points

Description

You are given some code that models a school's roster. Included are three files: *School.java*, *Classroom.java*, and *Student.java*. These files are partially filled out, but it is up to you to implement the methods that are not completed (similar to how AP FRQs work).

Details

The most basic unit in this project is the *Student* class. A *Student* simply consists of a name and a graduation year.

The next most granular class is *Classroom*. A *Classroom* has a name (as a *String*) and a list of students (as an *ArrayList<Student>*).

Finally, the *School* class simply has a list of classrooms (as an *ArrayList<Classroom>*).

You will have to implement all of the methods that are annotated with “*TODO*”. Note that there may be methods to complete in all three of the files.

Submission

Submit *School.java*, *Classroom.java*, and *Student.java* in a compressed archive (you may use *zip*, *tar*, *tar.gz*, etc.).