GitHub Exercise

In this exercise, the student will work alongside their teammates to modify and push a program:

- Each member will get one class to work with and make a small change.
    - Each class achieves little alone, but together can form a functional program.
- After each person has made the appropriate changes, each team member pushes their class to the repository.
    - After the 3 classes are pushed, each student will pull the project in order to get all 3 classes and then run the program to make sure it works.

For details of each class and the changes required, read the following

- MainOrganizer – Acts as the executer of the program and controls the Class file. The individual taking on this file will oversee adding the code for obtaining the information on adding a new student to the class, as well as obtaining the name of the student to remove.
- Class – Acts as the holder of all student objects. The individual taking on this file will oversee adding the code for inserting a new student into the list based on the info given by the MainOrganizer call of this method. The original list will find and push the student to the end of the list, assign the entire list excluding the desired student to a temp list, and then assigning the original list to the new list of students that removed the desired student. (Make sure that the arrays are not referencing the memory)
- Student – Acts as the object containing the information on a student including name, year, and grade. The individual taking on this file will oversee adding the code to create an additional attribute for the student to receive. This individual should work with their team to receive the appropriate information for the code created by the others. There should also be an accessor and mutator for the new attribute as well
    - The new attribute does not need to be considered for organization, but simply added for more unique combinations
    - Grade should be an integer within 0 to 100
    - Year represents the year of school represented as an integer
        - (Freshman = 1, Sophomore = 2, Junior = 3, Senior = 4)

After the work has been distributed, the team should stay in touch about updates to the program and work together to confirm variable instantiation names and other references for valid syntax.

Once the team has completed the program, they will submit a text description providing who completed which portions of the program and the link to the repository page on GitHub.