This assignment continues the project to create software for a school grade book that will hold the scores that students received for their assignments.

For this part of the project, the `Student` class will be updated so that each `Student` object will contain a list of scores they received on their assignments.

Refer to the diagram below for a visual representation of the structure described in the following prose.

Structural Diagram of Student / Assignment / AssignmentScore
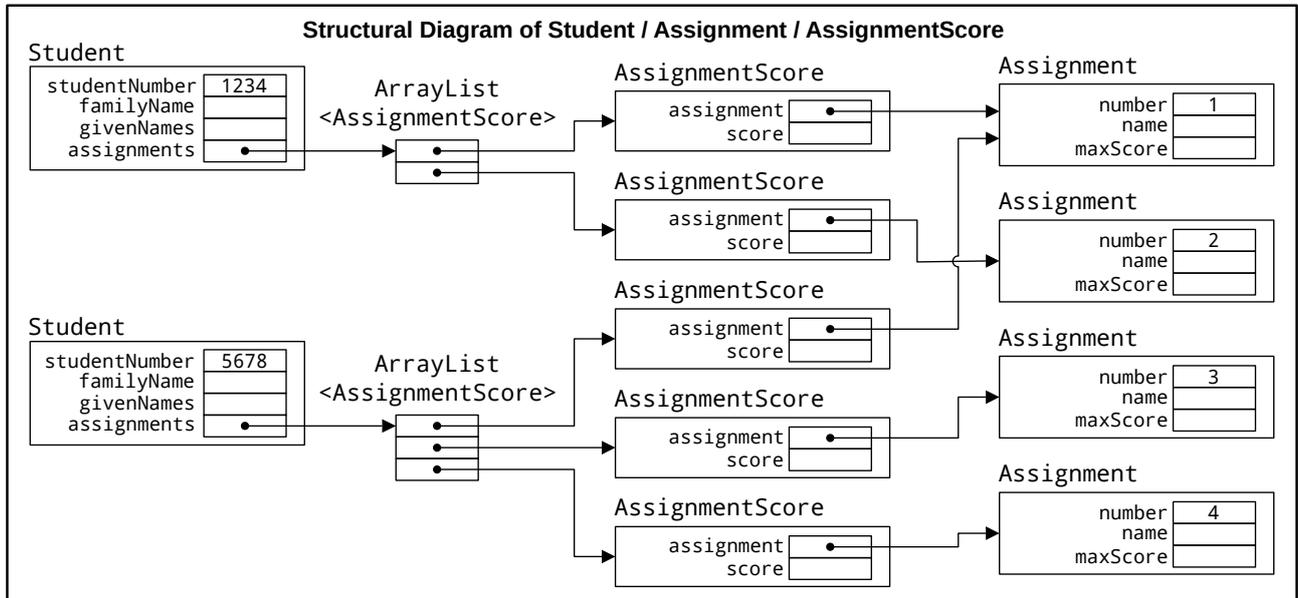
Each `Student` contains a list `AssignmentScore` objects. Each `AssignmentScore` object in the list records the given score the student received, and associates the `Assignment` object that provides information about the assignment. This structure prevents duplication of assignment information: for any given `Assignment` – multiple students will usually do the same assignment, thus a number of students will have their own individual `AssignmentScore` that is associated with the same `Assignment` object. In the diagram above, both students have completed assignment number 1.

As the list of assignments completed by any given student is not static – it will be updated as students complete new assignments. Thus, an array of `AssignmentScore` is perhaps not an ideal way to store the scores. For this assignment, you will be asked to store the student's list of scores in an `ArrayList` of `AssignmentScore`.

Update the `Student` class according to the following specifications.
- Add a field to store the scores a given student has received for their completed assignments. As mentioned above, and shown in the diagram, implement this with an `ArrayList` of `AssignmentScore`.
- Add a method `addAssignmentScore` that takes as parameters and `score` and an `Assignment` object, creates a new `AssignmentScore` object from these, and appends that object to the end of the student's list of assignments.
- Add a method `getAssignmentScores` that returns an array of `AssignmentScores`. To prevent the list from being modified outside of the `Student` class, we are returning a copy of the `ArrayList`. Hint: this will return an array of `AssignmentScore`:
    ```
    assignments.toArray(new AssignmentScore[0]);
    ```
Update your `TestStudent` class to test the new methods.