Goal: Write classes *TestScores* and *TestScoresCustom* which accept an array of test scores as an argument and calculate the average of the scores. If any score is negative or greater than 100, each class should throw an exception. *TestScores* should throw an *IllegalArgumentException* while *TestScoresCustom* should throw a custom exception class called *InvalidTestScore*.

**TestScores**

* Using an integer field to represent the sum of all grades, this class should use a method *average* to get the average of the test scores. This should be done using a for loop which adds each score to the value of the sum field. The method must return the sum divided by the length of the array argument (the amount of grades) to determine the average.
* This class should throw a new *IllegalArgumentException* if any argument in the array is negative or greater than 100.

**TestScoresCustom**

* This class should be nearly identical to the *TestScores* class except in this class, instead of an *IllegalArgumentException* a new custom exception class must be created called *InvalidTestScores*. This exception should display the message “Scores cannot be negative or above 100” upon being thrown.

**Demo Classes**

* The demos for each class should also be nearly identical, they should allow a user to input grades and get the average. If the user enters an invalid grade, the respective exception should be thrown. The only difference between these two demo classes is that an object of type *TestScores* and an object of type *TestScoresCustom* should be created in its respective class.