Use TypeScript class, interface, etc syntax to implement the following requirement.

Create a Student class which match the following requirement:

Properties: firstname-String type, lastname-String type, grades- an array with each element is number type. Make sure all properties are private.

constructor: used to assign values to above private properties

method:

1) addGrade: this method will take 1 parameter with Number type, it used to add the argument grade into private property grades.

2) computeAverageGrade: this method doesn't have parameter, it returns the average grade for each student.

