

KNOWITSIS

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26.09.2014

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knowitsis

TEST ID NR

20140807-1

Class Index

Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

weighted_average.Calculators

weighted_average.Main

weighted_average.Sorters

junit.TestCalculator

junit.TestSorter

weighted_average.XmlReader

File Index

File List

Here is a list of all files with brief descriptions:

- D:/Projektid/knowitsis/src/main/weighted_average/Calculators.java**
- D:/Projektid/knowitsis/src/main/weighted_average/Main.java**
- D:/Projektid/knowitsis/src/main/weighted_average/Sorters.java**
- D:/Projektid/knowitsis/src/main/weighted_average/XmlReader.java**
- D:/Projektid/knowitsis/src/test/java/junit/MainTestSuite.java**
- D:/Projektid/knowitsis/src/test/java/junit/TestCalculator.java**
- D:/Projektid/knowitsis/src/test/java/junit/TestSorter.java**

Class Documentation

weighted_average.Calculators Class Reference

Public Member Functions

- Map< String, Double > **studentAverageGradeCalculator** (Document studentsGradesDoc)
 - Double **weightedAverageCalculator** (Map< String, Double > studentsAverage)
-

Detailed Description

Definition at line 10 of file Calculators.java.

Member Function Documentation

Map<String, Double> weighted_average.Calculators.studentAverageGradeCalculator (Document *studentsGradesDoc*)

Calculates the average grade of student

Parameters:

<i>Document</i>	studentsGradesDoc
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Returns:

Map<String, Double>

Definition at line 17 of file Calculators.java.

Double weighted_average.Calculators.weightedAverageCalculator (Map< String, Double > *studentsAverage*)

Calculates the average grade of all students

Parameters:

<i>Map<String, Double></i>	studentsAverage
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Returns:

Integer

Definition at line 47 of file Calculators.java.

The documentation for this class was generated from the following file:

- D:/Projektid/knowitsis/src/main/weighted_average/Calculators.java

weighted_average.Main Class Reference

Static Public Member Functions

- static void **main** (String[] args)
-

Detailed Description

Definition at line 7 of file Main.java.

Member Function Documentation

static void weighted_average.Main.main (String[] args) [static]

Main class that prints to console: Students name and the average grade Weighted average of all students

Parameters:

<i>args</i>	
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Definition at line 15 of file Main.java.

The documentation for this class was generated from the following file:

- D:/Projektid/knowitsis/src/main/weighted_average/**Main.java**

weighted_average.Sorters Class Reference

Public Member Functions

- `Map< String, Double > getSortedStudentList (Map< String, Double > avgStudentGrades)`
-

Detailed Description

Definition at line 12 of file Sorters.java.

Member Function Documentation

Map<String, Double> weighted_average.Sorters.getSortedStudentList (Map< String, Double > *avgStudentGrades*)

Sorts students first by grade if grade is same then by name

Parameters:

<i>avgStudentGrades</i>	
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Definition at line 19 of file Sorters.java.

The documentation for this class was generated from the following file:

- `D:/Projektid/knowitsis/src/main/weighted_average/Sorters.java`

junit.TestCalculator Class Reference

Detailed Description

Definition at line 14 of file TestCalculator.java.

The documentation for this class was generated from the following file:

- D:/Projektid/knowitsis/src/test/java/junit/**TestCalculator.java**

junit.TestSorter Class Reference

Detailed Description

Definition at line 13 of file TestSorter.java.

The documentation for this class was generated from the following file:

- D:/Projektid/knowitsis/src/test/java/junit/**TestSorter.java**

weighted_average.XmlReader Class Reference

Public Member Functions

- Document `getXml ()`
-

Detailed Description

Definition at line 10 of file XmlReader.java.

Member Function Documentation

Document `weighted_average.XmlReader.getXml ()`

Returns Document that is read from studentsGrades.xml file under resources folder

Returns:

Document

Definition at line 17 of file XmlReader.java.

The documentation for this class was generated from the following file: