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G

[generate(int, int, double)](http://docs.google.com/TestGenerator.html#generate(int,int,double)) - Static method in class [TestGenerator](http://docs.google.com/TestGenerator.html)   [generateTable(ArrayList<Student>, int)](http://docs.google.com/SeatingAlg.html#generateTable(java.util.ArrayList,int)) - Method in class [SeatingAlg](http://docs.google.com/SeatingAlg.html)

Generates seating plan

[get(String)](http://docs.google.com/AlgorithmParameters.html#get(java.lang.String)) - Method in class [AlgorithmParameters](http://docs.google.com/AlgorithmParameters.html)

gets a parameter

[getCurrentCost()](http://docs.google.com/Solver3.html#getCurrentCost()) - Method in class [Solver3](http://docs.google.com/Solver3.html)   [getDietaryRestrictions()](http://docs.google.com/Student.html#getDietaryRestrictions()) - Method in class [Student](http://docs.google.com/Student.html)   [getFriendFreqs()](http://docs.google.com/Solver3.html#getFriendFreqs()) - Method in class [Solver3](http://docs.google.com/Solver3.html)

gets statistics on how many preferences got satisfied

[getFriendStudentNumbers()](http://docs.google.com/Student.html#getFriendStudentNumbers()) - Method in class [Student](http://docs.google.com/Student.html)   [getIteration()](http://docs.google.com/Solver3.html#getIteration()) - Method in class [Solver3](http://docs.google.com/Solver3.html)   [getMaxStudentsPerTable()](http://docs.google.com/SeatingProblem.html#getMaxStudentsPerTable()) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)   [getName()](http://docs.google.com/Student.html#getName()) - Method in class [Student](http://docs.google.com/Student.html)   [getPeopleWithPref()](http://docs.google.com/SeatingProblem.html#getPeopleWithPref()) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)   [getPrefCount()](http://docs.google.com/SeatingProblem.html#getPrefCount()) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)   [getPrefCount(int)](http://docs.google.com/SeatingProblem.html#getPrefCount(int)) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)

gets number of preferences a certain student has

[getPrefs(int)](http://docs.google.com/SeatingProblem.html#getPrefs(int)) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)

gets students' preferences

[getRandomSource()](http://docs.google.com/SeatingProblem.html#getRandomSource()) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)

should be the only source of randomness used by solver components

[getSize()](http://docs.google.com/Table.html#getSize()) - Method in class [Table](http://docs.google.com/Table.html)   [getStudentByID(int)](http://docs.google.com/SeatingProblem.html#getStudentByID(int)) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)

returns a student object given their id

[getStudentCount()](http://docs.google.com/SeatingProblem.html#getStudentCount()) - Method in class [SeatingProblem](http://docs.google.com/SeatingProblem.html)   [getStudentNumber()](http://docs.google.com/Student.html#getStudentNumber()) - Method in class [Student](http://docs.google.com/Student.html)   [getStudents()](http://docs.google.com/Table.html#getStudents()) - Method in class [Table](http://docs.google.com/Table.html)   [getTemperature()](http://docs.google.com/Solver3.html#getTemperature()) - Method in class [Solver3](http://docs.google.com/Solver3.html)   [A](http://docs.google.com/index-1.html) [B](http://docs.google.com/index-2.html) [C](http://docs.google.com/index-3.html) [E](http://docs.google.com/index-4.html) [G](http://docs.google.com/index-5.html) [H](http://docs.google.com/index-6.html) [M](http://docs.google.com/index-7.html) [S](http://docs.google.com/index-8.html) [T](http://docs.google.com/index-9.html) [U](http://docs.google.com/index-10.html) [W](http://docs.google.com/index-11.html)

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