JavaScript is disabled on your browser.

[Skip navigation links](#gjdgxs)

* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/SeatingAlg.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* [All Classes](http://docs.google.com/allclasses.html)
* SEARCH:

JavaScript is disabled on your browser.

* Summary:
* Nested |
* Field |
* [Constr](#30j0zll) |
* [Method](#1fob9te)
* Detail:
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)

Class SeatingAlg

* java.lang.Object
  + SeatingAlg
* public class SeatingAlg  
  extends java.lang.Object  
  The seating placement component of the Prom projectAuthor: sunny

### Constructor SummaryConstructors

|  |  |
| --- | --- |
| * + Constructor | * + Description |
| * + SeatingAlg() |  |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |  |
| --- | --- | --- |
| * + Modifier and Type | * + Method | * + Description |
| * + java.util.ArrayList<[Table](http://docs.google.com/Table.html)> | * + [generateTable](#tyjcwt)​(java.util.ArrayList<[Student](http://docs.google.com/Student.html)> students, int maxStudentsPerTable) | * + Generates seating plan |

### Methods inherited from class java.lang.Objectequals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Constructor Detail

#### SeatingAlg public SeatingAlg()

### Method Detail

#### generateTable public java.util.ArrayList<[Table](http://docs.google.com/Table.html)> generateTable​(java.util.ArrayList<[Student](http://docs.google.com/Student.html)> students, int maxStudentsPerTable) Generates seating planParameters: students - students attending maxStudentsPerTable - max number of students allowed in each table Returns: list of tables (and assignments)

[Skip navigation links](#3dy6vkm)

* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/SeatingAlg.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-files/index-1.html)
* [Help](http://docs.google.com/help-doc.html)
* [All Classes](http://docs.google.com/allclasses.html)

JavaScript is disabled on your browser.

* Summary:
* Nested |
* Field |
* [Constr](#30j0zll) |
* [Method](#1fob9te)
* Detail:
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)