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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Random131.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) | | |  |
| PREV CLASS   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?cmsc131Utilities/Random131.html)    [**NO FRAMES**](http://docs.google.com/Random131.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **cmsc131Utilities**

Class Random131

java.lang.Object  
  
 **cmsc131Utilities.Random131**

public class **Random131**extends java.lang.Object

This class allows us to control the generation of random numbers.

**Author:** Nelson Padua-Perez, Fawzi Emad

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| **Constructor Summary** | |
| [**Random131**](http://docs.google.com/cmsc131Utilities/Random131.html#Random131())() |

|  |  |
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| **Method Summary** | |
| static int | [**getRandomInteger**](http://docs.google.com/cmsc131Utilities/Random131.html#getRandomInteger(int))(int maxValue)            Returns an integer random value between 0 and maxValue - 1 (includes 0 and maxValue - 1) |
| static void | [**setDeterministic**](http://docs.google.com/cmsc131Utilities/Random131.html#setDeterministic())() |
| static void | [**setDeterministic**](http://docs.google.com/cmsc131Utilities/Random131.html#setDeterministic(long))(long seed) |
| static void | [**setNonDeterministic**](http://docs.google.com/cmsc131Utilities/Random131.html#setNonDeterministic())() |

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| **Methods inherited from class java.lang.Object** |
| equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait |

|  |
| --- |
| **Constructor Detail** |

### Random131

public **Random131**()

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| --- |
| **Method Detail** |

### setDeterministic

public static void **setDeterministic**()

### setDeterministic

public static void **setDeterministic**(long seed)

### setNonDeterministic

public static void **setNonDeterministic**()

### getRandomInteger

public static int **getRandomInteger**(int maxValue)

Returns an integer random value between 0 and maxValue - 1 (includes 0 and maxValue - 1)

**Returns:**random integer value in the specified range

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Random131.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) | | |  |
| PREV CLASS   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?cmsc131Utilities/Random131.html)    [**NO FRAMES**](http://docs.google.com/Random131.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

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