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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/rain/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Product.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/rain/MusicRecording.html)   [**NEXT CLASS**](http://docs.google.com/rain/RainAppListener.html) | [**FRAMES**](http://docs.google.com/index.html?rain/Product.html)    [**NO FRAMES**](http://docs.google.com/Product.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **rain**

Class Product

[java.lang.Object](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html)  
 **rain.Product**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/docs/jdk_docs/api/java/io/Serializable.html) **Direct Known Subclasses:** [Recording](http://docs.google.com/rain/Recording.html)

public abstract class **Product**extends [Object](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html)implements [Serializable](http://docs.google.com/docs/jdk_docs/api/java/io/Serializable.html)

This abstract class represents a basic Product. It describes the name, price and product id.

**Author:** 570 Development Team **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#rain.Product)

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

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| **Method Summary** | |
| abstract  int | [**getId**](http://docs.google.com/rain/Product.html#getId())()            Returns the product id |
| abstract  [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) | [**getName**](http://docs.google.com/rain/Product.html#getName())()            Returns the product name |
| abstract  double | [**getPrice**](http://docs.google.com/rain/Product.html#getPrice())()            Returns the product price |
| abstract  int | [**getStockCount**](http://docs.google.com/rain/Product.html#getStockCount())()            Returns the current stock count |
| abstract  boolean | [**isInStock**](http://docs.google.com/rain/Product.html#isInStock())()            Returns true if the product is in stock |
| abstract  void | [**setId**](http://docs.google.com/rain/Product.html#setId(int))(int theId)            Sets the id |
| abstract  void | [**setName**](http://docs.google.com/rain/Product.html#setName(java.lang.String))([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theName)            Sets the product name |
| abstract  void | [**setPrice**](http://docs.google.com/rain/Product.html#setPrice(double))(double thePrice)            Sets the price |

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| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html) |
| [clone](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#clone()), [equals](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#toString()), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait()), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/docs/jdk_docs/api/java/lang/Object.html#wait(long,%20int)) |

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| **Constructor Detail** |

### Product

public **Product**()

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| **Method Detail** |

### getName

public abstract [String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) **getName**()

Returns the product name

### setName

public abstract void **setName**([String](http://docs.google.com/docs/jdk_docs/api/java/lang/String.html) theName)

Sets the product name

### getPrice

public abstract double **getPrice**()

Returns the product price

### setPrice

public abstract void **setPrice**(double thePrice)

Sets the price

### getId

public abstract int **getId**()

Returns the product id

### setId

public abstract void **setId**(int theId)

Sets the id

### getStockCount

public abstract int **getStockCount**()

Returns the current stock count

### isInStock

public abstract boolean **isInStock**()

Returns true if the product is in stock

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/rain/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Product.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | | |  |
| [**PREV CLASS**](http://docs.google.com/rain/MusicRecording.html)   [**NEXT CLASS**](http://docs.google.com/rain/RainAppListener.html) | [**FRAMES**](http://docs.google.com/index.html?rain/Product.html)    [**NO FRAMES**](http://docs.google.com/Product.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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