JavaScript is disabled on your browser.

* [Package](http://docs.google.com/com/learningtree/crs471/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/Recording.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/com/learningtree/crs471/RainForest.html)
* [Next Class](http://docs.google.com/com/learningtree/crs471/Track.html)
* [Frames](http://docs.google.com/index.html?com/learningtree/crs471/Recording.html)
* [No Frames](http://docs.google.com/Recording.html)
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* Summary:
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com.learningtree.crs471

## Class Recording

* java.lang.Object
  + com.learningtree.crs471.Recording
* All Implemented Interfaces: Comparable Direct Known Subclasses: [MusicRecording](http://docs.google.com/com/learningtree/crs471/MusicRecording.html)  
    
  public abstract class Recording  
  extends Object  
  implements Comparable  
  This class represents a Recording. It describes the recording title, price, category, imageName and running time.  
  Subclasses must implement the method getRunningTime() to return the total running time for the recording.Author: 471 Development Team

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + private String | * + [**category**](http://docs.google.com/com/learningtree/crs471/Recording.html#category) The recording category |
| * + private String | * + [**imageName**](http://docs.google.com/com/learningtree/crs471/Recording.html#imageName) The recording image name |
| * + private double | * + [**price**](http://docs.google.com/com/learningtree/crs471/Recording.html#price) The recording price |
| * + private String | * + [**title**](http://docs.google.com/com/learningtree/crs471/Recording.html#title) The recording title |

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [**Recording**](http://docs.google.com/com/learningtree/crs471/Recording.html#Recording())() Basic default constructor |
| * + [**Recording**](http://docs.google.com/com/learningtree/crs471/Recording.html#Recording(java.lang.String,%20double,%20java.lang.String,%20java.lang.String))(String theTitle, double thePrice, String theCategory, String theImageName) Constructs a recording w/ given parameter values. |

### Method SummaryMethods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + int | * + [**compareTo**](http://docs.google.com/com/learningtree/crs471/Recording.html#compareTo(java.lang.Object))(Object object) Allows us to sort the recordings by title |
| * + String | * + [**getCategory**](http://docs.google.com/com/learningtree/crs471/Recording.html#getCategory())() Returns the recording category |
| * + String | * + [**getImageName**](http://docs.google.com/com/learningtree/crs471/Recording.html#getImageName())() Returns the recording image name |
| * + double | * + [**getPrice**](http://docs.google.com/com/learningtree/crs471/Recording.html#getPrice())() Returns the recording price |
| * + abstract [Duration](http://docs.google.com/com/learningtree/crs471/Duration.html) | * + [**getRunningTime**](http://docs.google.com/com/learningtree/crs471/Recording.html#getRunningTime())() Returns the running time. |
| * + String | * + [**getTitle**](http://docs.google.com/com/learningtree/crs471/Recording.html#getTitle())() Returns the recording title |
| * + void | * + [**setCategory**](http://docs.google.com/com/learningtree/crs471/Recording.html#setCategory(java.lang.String))(String theCategory) Sets the recording category |
| * + void | * + [**setImageName**](http://docs.google.com/com/learningtree/crs471/Recording.html#setImageName(java.lang.String))(String theImageName) Sets the recording image name |
| * + void | * + [**setPrice**](http://docs.google.com/com/learningtree/crs471/Recording.html#setPrice(double))(double thePrice) Sets the recording price |
| * + void | * + [**setTitle**](http://docs.google.com/com/learningtree/crs471/Recording.html#setTitle(java.lang.String))(String theTitle) Sets the recording title |

### Methods inherited from class java.lang.Objectclone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

### Field Detail

#### title private String title The recording title

#### price private double price The recording price

#### category private String category The recording category

#### imageName private String imageName The recording image name

### Constructor Detail

#### Recording public Recording() Basic default constructor

#### Recording public Recording(String theTitle, double thePrice, String theCategory, String theImageName) Constructs a recording w/ given parameter values.

### Method Detail

#### getTitle public String getTitle() Returns the recording title

#### setTitle public void setTitle(String theTitle) Sets the recording title

#### getPrice public double getPrice() Returns the recording price

#### setPrice public void setPrice(double thePrice) Sets the recording price

#### getCategory public String getCategory() Returns the recording category

#### setCategory public void setCategory(String theCategory) Sets the recording category

#### getImageName public String getImageName() Returns the recording image name

#### setImageName public void setImageName(String theImageName) Sets the recording image name

#### getRunningTime public abstract [Duration](http://docs.google.com/com/learningtree/crs471/Duration.html) getRunningTime() Returns the running time. Subclasses must override this method to return the total running time.

#### compareTo public int compareTo(Object object) Allows us to sort the recordings by title**Specified by:** compareTo in interface Comparable

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