Class CompetitorList

java.lang.Object
      CompetitorList

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

CompetitorList Class storing competitors objects in arraylist

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Constructor Summary

Constructors

Constructor and Description
CompetitorList() Create ArrayList storing objects of type Competitor

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Method Summary

Methods

Modifier and Type	Method and Description
void	**add**(Competitor c) add Competitor and the end of ArrayList
java.lang.String	**getAllCompetitors**() returns details of all Competitors stored in ArrayList
java.lang.String	**getAveregeLvl**() Calculate average Level of Art
java.lang.String	**getCountOfTeams**() Calculate number of competitors in Comptetition
java.lang.String	**getMaxPub**() Look for competitor with maximum Audience Response
java.lang.String	**getMaxPubFrequencyReport**() Make frequency report on Level of Art Method have misleading name.
java.lang.String	**getShortDetails**() return short details of selected competitor
java.lang.String	**getSingleCompetitor**() return details of single competitor seleced by variable
java.lang.String	**getWinner**() Search and return a winner by looking for competitor with highest Overall Score
void	**readFile**(java.lang.String filename) reads file with given name, extracting competitor data, creating competitor objects and adding them to the list of competitors Blank lines are skipped Validation for integer, missing items
void	**writeToFile**(java.lang.String filename, java.lang.String report) writes supplied text to file

Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

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Constructor Detail

CompetitorList

public CompetitorList()

Create ArrayList storing objects of type Competitor

Parameters:

   number - the Id of competitor with we want to have more details

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Method Detail

add

```
public void add(Competitor c)
```

add Competitor and the end of ArrayList

getAllCompetitors

```
public java.lang.String getAllCompetitors()
```

returns details of all Competitors stored in ArrayList

Returns:

   report

getSingleCompetitor

```
public java.lang.String getSingleCompetitor()
```

return details of single competitor seleced by variable

Returns:

   single

getWinner

```
public java.lang.String getWinner()
```

Search and return a winner by looking for competitor with highest Overall Score

Returns:

   winner

getShortDetails

```
public java.lang.String getShortDetails()
```

return short details of selected competitor

Returns:

   shorty

getCountOfTeams

```
public java.lang.String getCountOfTeams()
```

Calculate number of competitors in Comptetition

Returns:

county

getMaxPub

```
public java.lang.String getMaxPub()
```

Look for competitor with maximum Audience Response

Returns:

max

getAveregeLvl

```
public java.lang.String getAveregeLvl()
```

Calculate average Level of Art

Returns:

average

getMaxPubFrequencyReport

```
public java.lang.String getMaxPubFrequencyReport()
```

Make frequency report on Level of Art Method have misleading name.

Returns:

reportArt

readFile

```
public void readFile(java.lang.String filename)
```

reads file with given name, extracting competitor data, creating competitor objects and adding them to the list of competitors Blank lines are skipped Validation for integer, missing items

Parameters:

`filename` - the name of the input file

writeToFile

```
public void writeToFile(java.lang.String filename,
                java.lang.String report)
```

writes supplied text to file

Parameters:

`filename` - the name of the file to be written to

`report` - the text to be written to the file

Class