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Class District

java.lang.Object
District

```
public class District
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field and Description
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private java.lang.String[]	candidates
----------------------------	----------------------------

private java.lang.Integer[]	candidateVote
-----------------------------	-------------------------------

Constructor Summary

Constructors

Constructor and Description

District (java.lang.String[] newCans)

Constructor; uses an array of candidates passed by voting official

Method Summary

All Methods	Instance Methods	Concrete Methods
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Modifier and Type	Method and Description
-------------------	------------------------

void	addVote (int newVote) Adds a vote to the vote array to line up with the coinciding candidate's index
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int	candAmount () Returns length of candidate array for use of setting a voting parameter (valid vote between 1 and candidate.length)
-----	--

void	displayCandidates ()
------	--------------------------------------

Prints out a list of all candidates; for use in showing voters all candidates

```
private void
```

```
setCandidates(java.lang.String[] newCans)
```

Initializes the candidates array and vote tally array using the candidates passed from the creation of the District class

```
private void
```

```
sortCandidates()
```

Sorts the candidate array by last name, ascending order, using an insertion sort.

```
java.lang.String
```

```
toString()
```

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail

candidates

```
private java.lang.String[] candidates
```

candidateVote

```
private java.lang.Integer[] candidateVote
```

Constructor Detail

District

```
public District(java.lang.String[] newCans)
```

Constructor; uses an array of candidates passed by voting official

Parameters:

newCans - - String array of candidates passed by voting official on startup

Method Detail

displayCandidates

```
public void displayCandidates()
```

Prints out a list of all candidates; for use in showing voters all candidates

candAmount

```
public int candAmount()
```

Returns length of candidate array for use of setting a voting parameter (valid vote between 1 and candidate.length)

Returns:

- length of candidates Array

addVote

```
public void addVote(int newVote)
```

Adds a vote to the vote array to line up with the coinciding candidate's index

Parameters:

newVote - vote passed from calling method, will coincide with candidate's index value

setCandidates

```
private void setCandidates(java.lang.String[] newCans)
```

Initializes the candidates array and vote tally array using the candidates passed from the creation of the District class

Parameters:

newCans - - Array of all the candidates for this district

sortCandidates

```
private void sortCandidates()
```

Sorts the candidate array by last name, ascending order, using an insertion sort.

toString

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

Overrides:

toString in class java.lang.Object

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