

SEARCH:

Class DayofYearSet

java.lang.Object
scr.DayofYearSet

public class DayofYearSet
extends java.lang.Object

Nested Class Summary

Nested Classes

| Modifier and Type | Class | Description |
|-------------------|------------------------|-------------|
| static class | DayofYearSet.DayofYear | |

Field Summary

Fields

| Modifier and Type | Field | Description |
|-------------------|-----------|-------------|
| static int | set_count | |
| int | set_size | |

Constructor Summary

Constructors

| Constructor | Description |
|---|-------------|
| DayofYearSet() | |
| DayofYearSet(java.util.ArrayList<DayofYearSet.DayofYear> myArrList) | |

Method Summary

| All Methods | Static Methods | Instance Methods | Concrete Methods |
|-------------|----------------|------------------|------------------|
| | | | |

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| | | |
|---------------------|--|--|
| DayofYearSet | differenceSet (DayofYearSet other) | returns difference of the two new DayofYearSet object. |
| boolean | equals (DayofYearSet other) | checks the two sets are equal or not each other |
| static int | get_count () | Return size of the all sets. |
| DayofYearSet | intersectionSet (DayofYearSet other) | returns intersection of the two new DayofYearSet object. |
| void | remove (int index) | removes the elements of the sets. |
| int | size () | returns size of the set. |
| java.lang.String | toString () | writes to DayofYearSet details. |
| DayofYearSet | unionSet (DayofYearSet other) | returns union of the two new DayofYearSet object. |
| void | write_file () | writes to the txt file. |

Methods inherited from class java.lang.Object

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

Field Details

set_size

public int set_size

set_count

public static int set_count

Constructor Details

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DayofYearSet

```
public DayofYearSet(java.util.ArrayList<DayofYearSet.DayofYear> myArrList)
```

Method Details

get_count

```
public static int get_count()
```

Return size of the all sets.

Parameters:

nothing -

Returns:

int value all sets

add

```
public void add(int a_month,
                int a_day)
```

adds the new values at the set.

Parameters:

month - new month value

day - new day value

remove

```
public void remove(int index)
```

removes the elements of the sets.

Parameters:

index -

size

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int value set size

unionSet

```
public DayofYearSet unionSet(DayofYearSet other)
```

returns union of the two new DayofYearSet object.

Parameters:

DayofYearSet - new DayofYearSet object

Returns:

DayofYearSet object

differenceSet

```
public DayofYearSet differenceSet(DayofYearSet other)
```

returns difference of the two new DayofYearSet object.

Parameters:

DayofYearSet - new DayofYearSet object

Returns:

DayofYearSet object

intersectionSet

```
public DayofYearSet intersectionSet(DayofYearSet other)
```

returns intersection of the two new DayofYearSet object.

Parameters:

DayofYearSet - new DayofYearSet object

Returns:

DayofYearSet object

complementSet

```
public DayofYearSet complementSet()
```

returns complement of the set new DayofYearSet object.

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write_file

```
public void write_file()
```

writes to the txt file.

Parameters:

nothing -

toString

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

writes to DayofYearSet details.

Overrides:

toString in class java.lang.Object

Parameters:

nothing -

Returns:

string value

equals

```
public boolean equals(DayofYearSet other)
```

checks the two sets are equal or not each other

Parameters:

DayofYearSet - new DayofYearSet object

Returns:

boolean value

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