

Canvas Login

Assignment-2

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CS362-001-SP1

CS362-001-SP1

Coverage Report

Coverage Report

localhost:63342/What/Calendar/target/site/cobertura/index.html?\_jti=6o8fohk2nsfu0qimpek5lu9d0

Coverage Report - edu.osu.cs362.Appt

Classes in this File	Line Coverage	Branch Coverage	Complexity
Appt	96% 59/61	92% 23/25	1.833

```
1  /*
2  * Appt.java
3  *
4  */
5
6  package edu.osu.cs362;
7
8  /**
9   * This class represents a single appointment that might be stored in
10   * a timetable. The appointment consists of startHour, startMinute,
11   * startDay, startMonth, startYear, title, and description
12   *
13   * Adapted from Paul Hiles
14   */
15
16  /**
17   * stores the date of an appointment
18   */
19  public class Appt {
20
21      /** Used for knowing whether or not an appointment is valid or not */
22      private boolean valid;
23
24      /** The starting hour of the appointment */
25      private int startHour;
26
27      /** The starting minute of the appointment */
28      private int startMinute;
29
30      /** The starting day of the appointment */
31      private int startDay;
32
33      /** The starting month of the appointment */
34      private int startMonth;
35
36      /** The starting year of the appointment */
37      private int startYear;
38
39      /** The title or caption of the appointment */
40      private String title;
41
42      /** The description of the appointment */
43      private String description;
44
45
46
47
48
49      /**
50       * Creates a new Appointment object.
51       * @param startHour The hour that the appointment starts on. The hours are
52       * numbered 0-23 to represent 12a.m. to 11pm on the day specified.
53       * @param startMinute The minute of the hour the appointment starts on.
54       * @param startDay The day of the month the appointment starts on.
```

All Packages

Classes

Appt (96%)

CalDay (100%)

CalendarMain (0%)

TimeTable (89%)

Calendar (1).zip

Calendar.zip

Show all

Calendar (1).zip

Calendar.zip

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Coverage Report - edu.osu.cs362.TimeTable

Classes in this File	Line Coverage	Branch Coverage	Complexity
TimeTable	89% 49/55	92% 23/25	6

```
1  /*
2  * TimeTable.java
3  *
4  */
5
6  package edu.osu.cs362;
7
8  /**
9   * This class collects appointments between given two dates.
10   *
11   * Adapted from Paul Hiles
12   */
13
14  import java.util.GregorianCalendar;
15  import java.util.Iterator;
16  import java.util.LinkedList;
17
18
19
20
21
22  public class TimeTable {
23
24      public TimeTable() {
25
26      }
27
28
29
30
31      /**
32       * Retrieves a range of appointments between two dates.
33       *
34       * @return A list of all of the CalDays between firstDate (inclusive)
35       * and lastDate (exclusive) with their respective appointments.
36       * @throws IllegalArgumentException if any of the dates constructed by the
37       * given values are invalid, or if lastDate is not after firstDate.
38       */
39      public LinkedList<CalDay> getApptRange(LinkedList<Appt> appts, GregorianCalendar firstDate, GregorianCalendar lastDate) {
40
41          //Create a linked list of calendar days (CalDay) to return
42          LinkedList<CalDay> calDays = new LinkedList<CalDay>();
43
44          //Make sure that the first day is before the last day
45          if (firstDate.before(lastDate)) {
46              throw new IllegalArgumentException("second date specified is not ->
47                  before the first date specified.");
48          }
49
50          //Create the first CalDay object with the starting date and add to list
51          GregorianCalendar nextDay = (GregorianCalendar) firstDate.clone();
52          while (nextDay.before(lastDate)) {
53              CalDay calDay = new CalDay(nextDay);
54              calDay.add(nextDay.DAY_OF_MONTH, 1);
55          }
56      }
57  }
```

All Packages

Classes

Appt (96%)

CalDay (100%)

CalendarMain (0%)

TimeTable (89%)

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Packages

[All](#)

[edu.osu.cs362](#)

All Packages

Classes

[Appt](#) (96%)

[CalDay](#) (100%)

[CalendarMain](#) (0%)

[Timetable](#) (89%)

Coverage Report - edu.osu.cs362.CalDay

Classes in this File	Line Coverage	Branch Coverage	Complexity
CalDay	100% <div></div>	83% <div></div>	1.733

```
1 package edu.osu.cs362;
2
3 /*
4  * CalDay.java
5  */
6
7
8
9
10 import java.util.*;
11
12
13
14
15 /**
16  * Stores all of the appointments of a single calendar day. It also
17  * has some useful calendar-related abilities, such as the ability
18  * to create a new calendar day that is incremented by a day.
19  *
20  *
21  * adopted from Paul Miles
22  */
23
24 public class CalDay {
25
26     /** Collection of all of the appointments for the calendar day */
27     LinkedList<Appt> appts;
28
29     /** Stores whether or not this is a valid calendar day */
30     boolean valid;
31
32     /** Stores the calendar day */
33     int day;
34
35     /** Stores the calendar month */
36     int month;
37
38     /** Stores the calendar year */
39     int year;
40
41     /**
42      * Default constructor
43      * Constructs an invalid CalDay object
44      */
45     public CalDay() {
46         valid = false;
47     }
48
49     /**
50      * Constructor
51      * Creates a new CalDay which is ready for appointments to be
52      * added to it. Note that months are numbered 0 through 11. This does
53      * not check to see if a date is valid.
54      */
55     public CalDay(DregorianCalendar cal) {
```

Calendar (1).zip

Calendar.zip

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