**Bug-Reports**

**Unique ID (name/number).**

Bug 1

**What is the bug?**

This bug produces an incorrect startDay value for an Appt object during its construction. When Appt() is called inside the Appt class, the incorrect value is being set for startDay. The value specified in the parameter for the startDay does not get set, instead the value in the parameter for the month is used for startDay also. The cause is found on line 93 in Appt class.

The line:

**this**.startDay = startMonth;

we can see that “this.startDay” should be set to startDay instead of startMonth.

**How do you make the bug happen (BE SPECIFIC)?**

You make this bug happen by constructing an Appt. The Appt will consist of the wrong startDay value, unless the startDay is the same value as the startMonth. The startDay will be whatever value was entered for startMonth, this is because startDay will be set to equal startMonth.

**What version of the software was this detected on?**

Villanub’s code from assignment 1

**What is the estimated severity of the bug?**

This bug is not too severe. It doesn’t cause any crashes or corruption in the application.

**What is the estimated priority of the bug?**

The priority of this bug is high. This bug needs to be fixed asap because it constructing appointments with incorrect details.

**Unique ID (name/number).**

Bug 2

**What is the bug?**

This bug returns an incorrect value of year for the specified calDay. The cause for this bug is an error in line 158 in CalDay class.

Line 158:

**public int** getYear() { **return** day; }

We can see that when we call getYear() expecting for the value of the year to be returned, we actually are returned the value for the day. This bug is simply returning the value for the day instead of the year due to an incorrect variable being returned.

**How do you make the bug happen (BE SPECIFIC)?**

You make this bug happen by calling toString() in CalDay class. This bug returns a date with an incorrect value for the year. The date returned will have the same value for the year as the value of the day.

**What version of the software was this detected on?**

Villanub’s code from assignment 1

**What is the estimated severity of the bug?**

This bug is not too severe. It doesn’t cause any crashes or corruption in the application.

**What is the estimated priority of the bug?**

The priority of this bug is high. This bug needs to be fixed asap because it is proving incorrect details with regards to dates and days. This could result in misleading information for schedules.