

Java - ch02/CalculationApp.java - Eclipse

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Quick Access Java

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CalculationApp.java

```
2+ * Open Source Physics software is free software as described near the bottom of this code file.
7
8 package org.opensourcephysics.sip.ch02;
9 // gets needed classes, asterisk * means get all classes in controls subdirectory
10
11 import org.opensourcephysics.controls.*;
12
13 /**
14  * CalculationApp demonstrates the use of a CalculationControl.
15  *
16  * @author Wolfgang Christian, Jan Tobochnik, Harvey Gould
17  * @version 1.0 05/07/05
18  */
19 public class CalculationApp extends AbstractCalculation {
20
21     /**
22      * Does a calculation.
23      */
24     public void calculate() { // Does a calculation
25         control.println("Calculation button pressed.");
26         double x = control.getDouble("x value"); // String must match argument of setValue
27         control.println("x*x = "+(x*x));
28         control.println("random = "+Math.random());
29     }
30
31     /**
32      * Resets the program to its initial state.
33      */
34     public void reset() {
35         control.setValue("x value", 10.0); // describes parameter and sets its value
36     }
37
38     /**
39      * Starts the Java application.
40      * @param args command line parameters
41      */
42 }
```

Problems Javadoc Declaration Console

No consoles to display at this time.

ch02

LibreOffice Java - ch02/C... eclipse.launch... Computation F... ch02 - Dolphin hp us US 03:58:20 PM Wednesday, May 20, 2015 Toronto



