

```
1 import components.naturalnumber.NaturalNumber;
3
4 /**
5  * Model class. Handles the core data for a natural number
   calculator.
6  *
7  * @author Yakob Getu
8  */
9 public final class NNCalcModel1 implements NNCalcModel {
10
11     /**
12      * Model variables. Holds the top and bottom operands
   for calculations.
13      */
14     private final NaturalNumber top, bottom;
15
16     /**
17      * No argument constructor. Initializes top and bottom
   numbers with new
18      * instances.
19      */
20     public NNCalcModel1() {
21         this.top = new NaturalNumber2();
22         this.bottom = new NaturalNumber2();
23     }
24
25     /**
26      * Gets the top operand.
27      *
28      * @return the top natural number
29      */
30     @Override
31     public NaturalNumber top() {
32         return this.top;
33     }
34
35     /**
36      * Gets the bottom operand.
37      *
```

```
38      * @return the bottom natural number
39      */
40      @Override
41      public NaturalNumber bottom() {
42          return this.bottom;
43      }
44
45 }
46
```