```
1import java.awt.event.ActionListener;
5 /**
6 * View interface.
8 * @author Bruce W. Weide
9 */
10 public interface NNCalcView extends ActionListener {
11
12
13
       * Register argument as observer/listener of this; this must be done first,
14
       * before any other methods of this class are called.
15
       * @param controller
16
17
                   controller to register
       */
18
      void registerObserver(NNCalcController controller);
19
20
21
22
       * Updates top operand display based on NaturalNumber provided as argument.
23
       * @param n
24
25
                    new value of top operand display
       */
26
27
      void updateTopDisplay(NaturalNumber n);
28
29
       * Updates bottom operand display based on NaturalNumber provided as
30
31
       * argument.
32
33
       * @param n
34
                    new value of bottom operand display
       */
35
36
      void updateBottomDisplay(NaturalNumber n);
37
38
39
       * Updates display of whether subtract operation is allowed.
40
41
       * @param allowed
42
                    true iff subtract is allowed
43
44
      void updateSubtractAllowed(boolean allowed);
45
      /**
46
47
       * Updates display of whether divide operation is allowed.
48
49
       * @param allowed
50
                    true iff divide is allowed
       */
51
52
      void updateDivideAllowed(boolean allowed);
53
54
55
       * Updates display of whether power operation is allowed.
56
       * @param allowed
57
58
                    true iff power is allowed
       */
59
```

70 } 71 Thursday, April 18, 2024, 8:54 PM