```
 1   /*
 2    * Simple demo of searching an array for a particular word
 3    * Program ignores the case of the words
 4    * The search stops when the word has been found
 5    * Use of boolean flag helps
 6    */
 7   package search;
 8
 9   import javax.swing.JOptionPane;
10
11   public class SearchArray {
12
13       public static void main(String[] args) {
14           String[] nameArr = {"Delta", "Alpha", "Echo", "Bravo", "Charlie",
15               "Foxtrot", "Juliet", "India", "Golf", "Hotel"};
16           String theWord = null;
17           boolean found = false;
18
19           theWord = JOptionPane.showInputDialog(null,"The array has a number of words."
20                   + "\n" + "Which word do you want to search for?");
21
22           for(int i = 0; i < nameArr.length; i++) {
23               if (nameArr[i].equalsIgnoreCase(theWord)) {
24                   found = true;
25                   System.out.println("The word " + theWord + " has been found"
26                           + " in the array");
27                   System.out.println("It is in position " + (i+1));
28                   // stop searching if found
29                   break;
30               }
31           }
32
33           if(found == false)
34               System.out.println("The word " + theWord + " was not found"
35                       + " in the array.");
36
37       } // end main
38   } // end class
39   ============================================================================
40
41   OUTPUT
42
43   run:
44   The word charlie has been found in the array
45   It is in position 5
46   BUILD SUCCESSFUL (total time: 9 seconds)
```