```
1 import static org.junit.Assert.assertEquals;
15
16 /**
17 * *
18 *
19 * @author David Park
20 *
21 */
22 public class GlossaryTest {
      private static final String INPUT_FILE = "terms.txt";
23
      private static final String OUTPUT_FOLDER = "data";
24
25
26
      @Before
27
      public void setUp() {
28
          File outputFolder = new File(OUTPUT_FOLDER);
29
          if (!outputFolder.exists()) {
30
              outputFolder.mkdir();
31
          }
      }
32
33
34
      @Test
35
      public void testGenerateHTMLPages() {
36
          Glossary.generateHTMLPages(INPUT_FILE, OUTPUT_FOLDER);
37
          File indexFile = new File(OUTPUT_FOLDER + "/index.html");
38
39
          assertTrue(indexFile.exists());
40
41
          File termPage1 = new File(OUTPUT_FOLDER + "/term1.html");
42
          assertTrue(termPage1.exists());
43
      }
44
45
      @Test
46
      public void testReadTerms() {
47
          SimpleReader inFile = new SimpleReader1L(INPUT_FILE);
48
          Map<String, String> dictionary = new Map1L<>();
49
50
          Glossary.readTerms(inFile, dictionary);
51
52
          assertEquals("Definition of Term 1", dictionary.value("Term 1"));
53
      }
54
      @Test
55
56
      public void testSortTerms() {
57
          Map<String, String> dictionary = new Map1L<>();
58
          dictionary.add("Term 2", "Definition of Term 2");
          dictionary.add("Term 1", "Definition of Term 1");
59
60
61
          Queue<String> sortedTerms = Glossary.sortTerms(dictionary);
62
          assertEquals("Term 1", sortedTerms.dequeue());
63
          assertEquals("Term 2", sortedTerms.dequeue());
64
65
      }
66
67
      @Test
68
      public void testWriteIndexHtml() {
69
          Queue<String> terms = new Queue1L<>();
70
          terms.enqueue("Term 1");
```

124

125 }

}