

```

1 package midtermExam01;
2
3 // Please see README.txt
4 // We will go over the answers in class.
5 // Thank you.
6
7  /*
8     String[] contentsOfBag = {"A", "A", "A", "B", "B", "C", "D"};
9     BagInterface<String> myBag = new ArrayBag<>();
10    testAdd(myBag, contentsOfBag);
11
12    int size = myBag.getCurrentSize();
13
14    Object[] data = myBag.toArray();
15
16    BagInterface<String> newBag = new ArrayBag<>();
17
18    int totalDups = 0;
19    for (int i = 0; i < size; i++) {
20        String tmp = (String) data[i];
21        if (newBag.contains(tmp)) {
22            totalDups += 1;
23            newBag.add("DUP." + totalDups + "." + tmp);
24        } else {
25            newBag.add(tmp);
26        }
27    }
28
29    displayBag(newBag);
30 */
31
32
33  /*
34  Adding A A A B B C D
35  The bag contains 7 string(s), as follows:
36  A A A B B C D
37  The bag contains 7 string(s), as follows:
38  A DUP.1.A DUP.2.A B DUP.3.B C D
39  */

```