

```
1 import java.util.Arrays;
2
3 public class AListArrayTest
4 {
5     public static void main(String[] args)
6     {
7         AListArray<String> breakfast = new AListArray<>();
8
9         System.out.println("Adding Milk, Eggs, Bacon and Cheese to the listArray");
10        breakfast.add("Milk");
11        breakfast.add("Eggs");
12        breakfast.add("Bacon");
13        breakfast.add("Cheese");
14
15        System.out.println("\nPrinting list to string: " + breakfast.toString());
16        System.out.println("Getting length of the list: " + breakfast.getLength());
17
18        System.out.println("\nReplacing Bacon with Bread in the list");
19        breakfast.replace(3, "Bread");
20        System.out.println("Printing list to string: " + breakfast.toString());
21
22        System.out.println("\nAdding sausages to the list in front of eggs.");
23        breakfast.add(2, "Sausages");
24        System.out.println("Printing list to an array: " + Arrays.toString(breakfast.toArray()));
25        System.out.println("Getting length of the list: " + breakfast.getLength());
26        System.out.println("Get entry 4 from list: " + breakfast.getEntry(4));
27
28        System.out.println("\nRemove entry 2 and 4 from the list: " + breakfast.remove(2)
29            + " & " + breakfast.remove(4));
30        System.out.println("Printing list to string: " + breakfast.toString());
31        System.out.println("Getting length of the list: " + breakfast.getLength());
32
33        System.out.println("\nClearing list.");
34        breakfast.clear();
35        System.out.println("Check if list is empty: " + breakfast.isEmpty());
36    }
37 }
38
```