

```
1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package mine;
7
8 /**
9  *
10  * @author AaronC
11  */
12 import java.util.ArrayList;
13 class Person
14 {
15     int age;
16     String name;
17     double height;
18     Person(String n, int a, double h)
19     {
20         name = n;
21         age = a;
22         height = h;
23     }
24     public String toString()
25     {
26         return name + " " + age + " " + height;
27     }
28 }
29 public class Java_ArrayList {
30
31     public static void testArrayList()
32     {
33         ArrayList<String> as = new ArrayList<String>();
34         as.add("red");
35         as.add("blue");
36         as.add("green");
37         for (int i=0; i < as.size(); i++)
38         {
39             String s1 = as.get(i);
40             System.out.println(s1);
41         }
42         ArrayList<Person> ap = new ArrayList<Person>();
43         ap.add(new Person("Fred", 29, 70.0));
44         ap.add(new Person("George", 35, 75.0));
45         ap.add(new Person("Mike", 21, 63.0));
46         ap.add(new Person("Sam", 25, 73.0));
47         ap.add(new Person("Ned", 15, 69.0));
48         for (int i=0; i < ap.size(); i++)
49         {
50             Person p1 = ap.get(i);
51             // Note that the Person class has a toString method
52             System.out.println(p1 );
53         }
54     }
55     public static void main(String[] args) {
56         testArrayList();
57     }
58 }
```