For: Melissa Bakke

Assignment: Exercise 19-8 Shuffle ArrayList

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| **Screenshot(s)** |
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| **Code** |
| *import java.util.ArrayList;*  *import java.util.Random;*  */\**  *\* To change this license header, choose License Headers in Project Properties.*  *\* To change this template file, choose Tools | Templates*  *\* and open the template in the editor.*  *\*/*  */\*\**  *\**  *\* @author Me*  *\*/*  *public class ShuffleArrayList {*    *public static <E> void shuffle(ArrayList<E> list) {*  *E currentItem;*  *Random rand = new Random();*    *for (int i = 0; i < list.size() - 1; i++) {*  *// Find minimum in the list*  *currentItem = list.get(i);*  *int n = rand.nextInt(list.size());*    *// Swap i with random number n*  *list.set(i, list.get(n));*  *list.set(n, currentItem);*  *}*  *}*  */\*\**  *\* @param args the command line arguments*  *\*/*  *public static void main(String[] args) {*  *ArrayList<String> list = new ArrayList<String>();*  *list.add("Alabama");*  *list.add("Hawaii");*  *list.add("Delaware");*  *list.add("Wisconsin");*  *list.add("Colorado");*  *list.add("Texas");*  *list.add("Missouri");*  *list.add("Washington");*  *shuffle(list);*    *ArrayList<Integer> list1 = new ArrayList<Integer>();*  *list1.add(654231);*  *list1.add(2314);*  *list1.add(546);*  *list1.add(89771);*  *list1.add(124);*  *list1.add(65);*  *shuffle(list1);*    *for (String item: list) {*  *System.out.print(item + " ");*  *}*    *System.out.println();*    *for (int item: list1) {*  *System.out.print(item + " ");*  *}*  *}*  *}* |
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