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Activity 3 Questions

1. public static String flip() {

final double HEADS\_CHANCE = 0.67;

Random rand = new Random();

if ((rand.nextDouble() \* 1) < HEADS\_CHANCE)

return “heads”;

return “tails”;

}

1. public static boolean arePermutations(int[] arr1, int[] arr2) {

outer:

for (int a1Elem : arr1) {

for (int a2Elem : arr2 )

if (a2Elem == a1Elem)

continue outer;

return false;

}

return true

}

1. 0, 1, and then 2 must be generated as the random integers in the efficient selection shuffle to make an array of {1, 2, 3, 4} change to {4, 3, 2, 1}.