import java.util.Random;

public class Main {

public static void main(String[] args) {

int[] array = { 1, 2, 3, 4, 5, 6, 7, 8, 9, 0 };

removeElements(array);

}

static void removeElements(int[] array) {

Random r = new Random();

while (array.length > 0) {

int index = r.nextInt(array.length);

System.out.println("INDEX = " + index + ", ELEMENT = " + array[index]);

int[] array1 = new int[array.length - 1];

for (int i = 0; i < index; i++)

array1[i] = array[i];

for (int i = index; i < array.length - 1; i++)

array1[i] = array[i + 1];

array = array1;

}

}

}