**1.Create an array with the values (1, 2, 3, 4, 5, 6, 7) and shuffle it.**

import java.util.Arrays;

import java.util.Random;

public class ShuffleArray {

public static void main(String[] args) {

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

shuffleArray(array);

System.out.println("Shuffled Array: " + Arrays.toString(array));

}

public static void shuffleArray(int[] array) {

int n = array.length;

Random rand = new Random();

for (int i = n - 1; i > 0; i--) {

int randIndex = rand.nextInt(i + 1);

int temp = array[i];

array[i] = array[randIndex];

array[randIndex] = temp;

}

}

}