מטלה לפורים-דוד אלקובי

package freestyle;  
  
import java.util.Arrays;  
import java.util.Random;  
import java.util.Scanner;  
  
public class Game {  
 public static void printPlayer(boolean player) {  
 if (player)  
 System.*out*.println("you are player num 1");  
 else  
 System.*out*.println("you are player num 2");  
 }  
  
 public static int CreateSpot(int n) {  
 int a;  
 Random rnd = new Random();  
 a = rnd.nextInt(n);  
 return a;  
 }  
  
 public static void movingCoins(boolean arr[], int a, int b) {  
 Scanner in = new Scanner(System.*in*);  
 arr[a] = false;  
 arr[b] = true;  
 }  
  
 public static void main(String[] args) {  
 boolean player = true;  
 int spot1, spot2, spot3, spot4;  
 Scanner in = new Scanner(System.*in*);  
 System.*out*.println("enter numer of squares:");  
 int n = in.nextInt();  
 boolean arr[] = new boolean[n];  
  
 spot1 = *CreateSpot*(n);  
 do {  
 spot2 = *CreateSpot*(n);  
 }  
 while (spot2 == spot1);  
  
 do {  
 spot3 = *CreateSpot*(n);  
 }  
 while (spot3 == spot2 || spot3 == spot1);  
  
 do {  
 spot4 = *CreateSpot*(n);  
 }  
 while (spot4 == spot1 || spot4 == spot2 || spot4 == spot3);  
 arr[spot1] = true;  
 arr[spot2] = true;  
 arr[spot3] = true;  
 arr[spot4] = true;  
 System.*out*.println(Arrays.*toString*(arr));  
  
 while (!arr[0] || !arr[1] || !arr[2] || !arr[3]) {  
 *printPlayer*(player);  
 System.*out*.println("enter num of square of the coin you want to move starting from zero:");  
 int a = in.nextInt();  
 System.*out*.println("enter num of square you want to move the coin to:");  
 int b = in.nextInt();  
 *movingCoins*(arr, a, b);  
 player = !player;  
 }  
 player=!player;  
 *printPlayer*(player);  
 System.*out*.println("the winner!");  
 }  
}