

You are now logged in as smiles1313.

[< whileLoopMystery2](#)

[Main Page](#) → [Problems](#) → [Solve a Problem](#)

BJP5 Self-Check 5.5: randomRangeABCDE

Language/Type: Java [basics](#) [Random](#)

Author: Will Beebe (on 2019/09/19)

Consider the following code. What range of values can each variable (a, b, c, d, and e) have? Sp and separate multiple numbers with commas i.e. "1,2,3,4,5,etc..."

```
Random rand = new Random();
int a = rand.nextInt(100);
int b = rand.nextInt(20) + 50;
int c = rand.nextInt(20 + 50);
int d = rand.nextInt(100) - 20;
int e = rand.nextInt(10) * 4;
```

- a.
- b.
- c.
- d.
- e.

Submit

You passed 5 of 5 tests.

[Go to the next problem: randomInteger0to10](#)

#	question	your answer	result
1	a.	0 - 99	pass
2	b.	50 - 69	pass
3	c.	0 - 69	pass
4	d.	-20 - 79	pass
5	e.	0,4,8,12,16,20,24,28,32,36	pass

BJP5 Exercise 5.4: randomX

Language/Type: Java [method basics](#) [Random](#) [while loops](#)

Author: Leslie Ferguson (on 2019/09/19)

(This problem is a modified version of Chapter 5's randomX exercise fr

Write a method named randomX that keeps printing lines, where each line has 19 inclusive, until it prints a line with 16 or more characters. For example that the last line has 17 x characters.

```
xxxxxxx
xxxxxxxxxxxxxx
xxxxxx
xxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxx
```

Type your solution here:

```
1 public static void randomX(){
2     int num = (int)(Math.random()*15)+5;
3
4     while (num < 15){
5         for (int i = 0; i < num; i++){
6             System.out.print("x");
7         }
8
9         System.out.println();
10        num = (int)(Math.random()*15)+5;
11    }
12
13    for (int j = 0; j < num; j++){
14        System.out.print("x");
15    }
16
17    System.out.println();
18
19 }
```

This is a **method problem**. Write a Java method as described. Do not write a complete pr

Submit

You passed 4 of 4 tests.

[Go to the next problem: randomLines](#)

```
test #1: test 1
console output: xxxxxxxx
xxxxxxxxxxxxxx
```