QuickCheck 01: Course Policies & Stacks and Queues

Due: 8:00 am on Thursday, Jan 9, 2020

QuickChecks must be scanned and submitted online via Gradescope. If you have a smartphone, you can follow these steps to scan using an app that will use your phone's camera: `https://www.gradescope.com/help#help-center-item-student-scanning`. Otherwise, there are scanners located at various libraries on campus which can be found here: `https://finance.uw.edu/c2/printing-copying/dawg-prints-copy-locations`. Make sure that the gray border around the edge of this page is visible in your scanned document.

1. Course Policies

Fill in the bubble to indicate True or False for the following statements.

(a) Discussing specific syntax or compilation errors in your code is considered cheating.
○ True ● False

(b) Reading quizzes for lecture are graded using a "80% is 100% policy."
● True ○ False

2. Stacks and Queues

Write the output for each `println` statement on the line to the right of it.

Recall that Stacks are printed out horizontally, with bottommost elements on the left and topmost elements on the right.

```
Stack<Integer> a = new Stack<Integer>();
a.push(10);
a.push(12);
Queue<Integer> b = new LinkedList<Integer>();
b.add(8);
b.add(5);
System.out.println(a.peek());              // 12

System.out.println(b.peek());              // 8

Stack<Integer> c = new Stack<Integer>();
c.push(3);
c.push(4);
System.out.println(a);                     // 10,12

System.out.println(c);                     // 3,4

c = a;
a.push(3);
System.out.println(a);                     // 10,12,3

System.out.println(c);                     // 10,12

c = new Stack<Integer>();
System.out.println(a);                     // 10,12,3

System.out.println(c);                     //
```