Unit 3 Assessment will cover everything up to this point:
Variables, operators, casting, if statements, switch statements, ternary, nested if, Scanner, Strings, Loops, and Arrays, but the main focus on unit 3 topics: **Methods, Wrapper classes, and ArrayList.**

Time Control: 1 hour and 20 minutes (80 minutes) | Once you begin, the time remaining will be shown on the right side under the questions
Questions: 25
Date/ Time: May 14th, 2021 | 5 am – 11:59 pm EST

To find the assessment (Will only be available on Friday 14th):
Go to Canvas → Java programming course → Quizzes → Unit 3 Assessment

Note: Assume all classes used are imported.

No code will fail to compile because of missing import or main method. Focus only on the given code snippet. Assume everything else not shown is valid.

[3.1] Custom Methods

- Different type of methods: void and return type
- Rules for creating methods
- How do the void and return type methods behave?
- How do you call a method?
- Method parameters – Method declaration and calling
- What is method overloading and how do you achieve it?
- The code analysis questions for methods will be about analyzing how a method behaves and what the output will be from that action given any inputs
- The code inside of the methods will be topics we have been using: strings, arrays, loops, etc.

[3.2] Wrapper classes / ArrayList
- What is a Wrapper class?
- What autoboxing and unboxing
- Common Wrapper class methods we used
- What is ArrayList and how is it different from Arrays
- Can collections store primitives or objects

- All the ArrayList methods we went through
- There will be **<u>no</u>** questions using predicate/lambda