

# Review

CSC144 Software Architecture

11 April 2018

1. A computer program is like a book—it is easier to read and write if it is divided into parts. The parts of a book are chapters, sections, paragraphs, and sentences. What are the parts of a Java program?

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WRITE YOUR ANSWER HERE.

2. Find methods in the String class that can be used to...
  - (a) remove from a string all of every instance of <p>
  - (b) remove all of the white space at the beginning and end of the string?
  - (c) replace uppercase letters with lowercase letters

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- (a) WRITE YOUR ANSWER HERE.
  - (b) WRITE YOUR ANSWER HERE.
  - (c) WRITE YOUR ANSWER HERE.

3. What is the purpose of an **import** statement? Is it possible to write a Java program without **import** statements?

WRITE YOUR ANSWER HERE.

4. Every JavaFX application extends which class?

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WRITE YOUR ANSWER HERE.

5. The code that I shared with you for the RSS reader project defined methods named `init ()` and `start ()`. In which order are these methods executed?

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WRITE YOUR ANSWER HERE.

6. Is it possible to write a JavaFX application without overriding the definition of the `start ()` method? Without overriding the definition of the `init ()`?

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WRITE YOUR ANSWER HERE.

7. What is the preferred way of terminating a JavaFX application?

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WRITE YOUR ANSWER HERE.

8. What are some of the subclasses of the `javafx.scene.layout.Pane` class that could be useful in an RSS reader?

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WRITE YOUR ANSWER HERE.

9. How could you associate a CSS class with an instance of the `javafx.scene.text.Text` class?

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WRITE YOUR ANSWER HERE.

10. Which methods will you need to put a menu in a JavaFX application?

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WRITE YOUR ANSWER HERE.

11. If a class **implements** the `javafx.event.EventHandler` **interface** it must define which method?

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WRITE YOUR ANSWER HERE.

12. Which of the following statements is allowed in a Java program? Why?

```
List<int> data = new ArrayList<>();  
List<Integer> values = new ArrayList<>();
```

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WRITE YOUR ANSWER HERE.