

CSC 161 TEST 1 STUDY GUIDE

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1. INHERITANCE AND INTRODUCTION TO JAVA FX

In addition to the material on the quiz and the previous study guide, you should understand and be able to answer questions about the following concepts:

Class extension and inheritance, private, public and protected members, the `Object` class, the purpose of the `toString()` method, the is-A relationship in inheritance, the `instanceOf` operator, abstract methods, abstract classes, interfaces; Simple concepts about JavaFX: The `Stage` and `Scene` class (How are they are used in a JavaFX application); JavaFX nodes, branch nodes, and leaf nodes.

Know how to write a simple JavaFX application that arranges user interface components in `VBox` and `HBox` panes.

2. INNER CLASSES AND EVENT HANDLING

Event, event handlers, functional interface, lambda expressions, inner classes, local inner classes, local anonymous inner classes.