Individual Activity - Refine the Finite State Machine and the test cases

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Activity Kind

Individual activity

Purpose

The purpose of this activity is to refine the design of an enhanced toString based on the results of the informal peer review.

Pre-requisite

Students are expected to have performed:

- Read - UML Tutorial - Finite State Machines (Parts 1 and 2)
- Group Discussion - The flow from Class Diagram to Sequence Diagram to running code.
- Design a Finite State Machine for an enhanced toString
- Informal Peer Review - Flow from enhanced toString design to test cases

Tasking

Based on the informal peer review and the insight received from others and well as insights you have developed, you are expected to enhance the Finite State Machine, the test cases, and the explanation of the flow. Each test case should flow logically from the Finite State Machine. The implementation of the Finite State Machine should produce human-friendly output.

From the peer review each student may have one or more refinements to perform before moving on with the project.

Deliverable

Students are responsible for producing and posting their notes in their ENB as evidence that they performed this task of testing their Finite State Machine, notes that specify how it works and whether or not there are defects and the nature of the defect, and notes about how the defects were found and corrected.

Submission

Each student must produce and submit the notes for the ENB before the start of the next activity.