



## HOMWORK - SPRING 2025

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### Programming Assignment 5 - GRADING KEY

#### 1. (17 points) Documentation and coding style:

- Name, ID number and recitation at the top of ALL java files [2 points]
- Precise and correct specifications [5 points]
- Indentation [3 points]
- Variable names [2 points]
- Javadoc Style documentation \*(see NOTE). [5 points]

**NOTE 1: You only need to submit your .java files. We will use the javadoc \*.java command to create the javadoc files.**

**NOTE 2: YOUR ASSIGNMENT WILL NOT BE GRADED if you submit only \*.class files.**

**NOTE 3: YOUR ASSIGNMENT WILL NOT BE GRADED if you use ArrayList, Vector, LinkedList, Tree, TreeMap or any other predefined Java API Data Structures.**

#### 2. (30 points) Source code:

- Implementation done as specified. [7 points]
- Coding style: flexible, extensible, good use of methods and avoid duplicate code. [4 points]
- Throws an exception back to the calling method(s) if a precondition is violated. [4 points]
- Programs compiles without any errors. [15 points]

#### 3. (53 points) Program correctness:

- Scenes are correctly numbered [2 points]
- Menu operations work correctly:
  - A - Add Scene [8 points]
  - R - Remove Scene [8 points]
  - S - Show Current Scene [2 points]
  - P - Print Adventure Tree [6 points]
  - B - Go Back a Scene [4 points]
  - F - Go Forward a Scene [4 points]
  - G - Play Game [5 points]
  - N - Print Path to Cursor [5 points]
  - M - Move Scene [8 points]
  - Q - Quit [1 point]