HOMEWORK 2 - 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 *(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 or any predefined Java API Data Structures.

2. (13 Points) Source Code

- Implementation done as specified (additional methods are OK) [4 points]
- Coding style: flexible, extensible, good use of methods and avoid duplicate code. [5 points]
- Throw an exception back to the calling method(s) if a precondition is violated. [4 points]

3. (65 Points) Program Correctness

- Program compiles without any errors. [10 points]
- The following menu items are implemented correctly:
  - F) Move cursor forward. [2 points]
  - B) Move cursor backward. [2 points]
  - D) Display cursor slide. [4 points]
  - E) Edit cursor slide. [8 points total]
    - t) Edit title. [2 points]
    - d) Edit duration. [2 points]
    - b) Edit bullet
      - d) Delete bullet. [2 points]
      - e) Edit bullet. [2 points]
  - P) Print presentation summary. [8 points]
  - A) Append new slide to tail. [8 points]
  - I) Insert new slide before cursor. [8 points]
  - R) Remove slide at cursor [6 points]
  - H) Reset cursor to head [3 points]
  - Q) Quit. [1 point]
- Erroneous input handled "gracefully." (Appropriate Error messages displayed to the user.) [5 points]

4. (5 Points) Program efficiency:

- `size()` should be O(1) and all other methods should be O(n). [5 points]