



## HOMEWORK - SPRING 2025

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### Programming Assignment 6 - 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:** Do NOT submit the json-simple-1.1.1 JAR file or Json sample data files. You will lose 7 points.

#### 2. (25 points) Source code:

- Implementation done as specified (additional methods are OK). [8 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. [3 points]
- Programs compiles without any errors. [10 points]

#### 3. (58 points) Program correctness:

- HashedGrocery is properly serialized and can be saved/loaded during exit/startup [5 points]
- Menu options work correctly:
  - L - Load from catalog [12 points]
  - A - Add item [6 points]
  - B - Process Sales [12 points]
  - C - Display all items [8 points]
  - N - Next business day [10 points]
- Erroneous inputs handled gracefully (Appropriate error messages displayed to user). [5 points]