



HOMEWORK 6 – FALL 2022

HOMEWORK 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 for Documentation. [5 points]

Note: You only need to submit your java files. We will use the `javadoc *.java` command to create the javadoc files.

Note 2: DO NOT SUBMIT bigdata.jar along with your Java source files, otherwise 10 points will be deducted.

2. (13 Points) Source Code

- Implementation done as specified (additional methods are OK) [6 points]
- Coding style: flexible, extensible, good use of methods and avoid duplicate code. [4 points]
- Throw an exception back to the calling method(s) if a precondition is violated. [3 points]

3. (70 Points) Program Correctness

- Program compiles without any errors. [12 points]
- The following menu options are implemented correctly.:
 - (D) – Import Data from URL [10 points]
 - (A) – Create a New Auction [5 points]
 - (B) – Bid on an Item [4 points]
 - (I) – Get Info on Auction [4 points]
 - (P) – Print All Auctions [8 points]
 - (R) – Remove Expired Auctions [8 points]
 - (T) – Let Time Pass [3 points]

- (Q) – Quit [1 points]
- AuctionTable class can be saved to/loaded from a file [10 points]
- Erroneous input handled "gracefully." (Appropriate Error messages displayed to the user.) [5 points]

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