CS135 Project 3 Rubric (2020)

Criteria	*Pts*

Meets the Program Requirements: 20

    Zip file: *Proj3.zip*, Main folder: *Proj3*
    Project folder: *Array_Processor*
    Required files: *Array_Processor.cpp*, *Array_Processor.exe*
    Compiled and runs correctly
        Runs by double-clicking
        Programmer name / time stamps
        Pauses at end

Presentations: 15

    5 screenshots
    MS Word file: *screenshots.docx*
    Class presentation

Coding and Design: 15

    Correct file comment header
    Correct function comment headers
    Correct code
    Proper indentation and readability
    Modular design

Input and Output: 20

Requests Input / Output Filenames
Reads Data into Array
Stores Modes in Vector
Output File: Showing all output.

Data Analyses: 55

    Calculated by separate functions before sorting.
    __ Number of Data Points
    __ Minimum:
    __ Maximum:
    __ Total
    __ Average
    __ Standard Deviation

    Calculated by separate functions after sorting.
    __ Median
    __ Mode(s)

    __ Histogram (extra credit)
    __ True (vertical) Histogram (extra, extra credit)

Details, Errors   0

    No global variables.
    Failure to follow the instructions.

Total Possible: ***125***