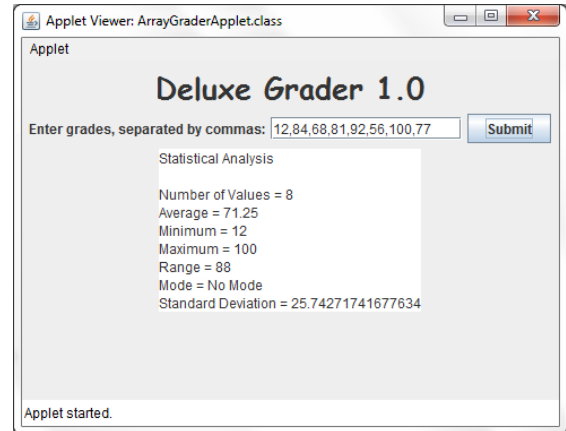


APCS – Mr. Ascione

Super Stats Project w/ Arrays

SPEC: In this project we will be working with standard arrays to build a fairly comprehensive Statistical Analysis program. We will utilize an Object Oriented Design.

If you finish early, you should work on building an Applet or a GUI App for your Object Oriented design. Portability is one of the big advantages of this approach.



For each set of data we want to identify at least the following:

- Number of Values
- Arithmetic Mean
- Geometric Mean
- Median
- Mode
- Min
- Max
- Range
- Standard Deviation
- Feel free to add additional statistical measures for extra credit!

Test Cases: a) 10 20 30 40 50 60 70 80 90 100

b) 60 50 40 30 20 10

c) 10 10 10 20 20 80 85 90 96 32

d) 12, 38, 24, 44, 66, 77, 38, 44, 38, 51, 44, 99

