Pseudocode 2.0:

.ORIG x3000

Get user information (IN)

Store information (save/restore operators to reuse data)

Branch to check for input errors (positive or negative inputs)

* BRn, BRz, BRp

If positive or zero continue to subroutine

Subroutine for determining minimum value

* call saved information
* possibly use pointer to look at place value and determine lowest value
* store minimum value to register

Subroutine to determine maximum value

* call saved information
* possibly use pointer to look at place value and determine highest value
* store maximum value to register

Subroutine to calculate average value

* call saved information
* add all values together with iterative statements
* divide by data amount (another subroutine for division?)
* store average value to register

Determine letter grade

* Use branching to determine letter grade category for numerical values.
* push/pop stacking operators to hold letter grades once determined

Display data on console

* OUT for average, minimum, maximum, and letter grade.

Fill locations

End program