Array HW 1: Math

Arrays are commonly used to hold numbers and calculate mathematical properties of those numbers - Excel, to use one example, is a prime example of this.

For this assignment, you will create an array of 10 integers, which will be scanned in by the user. From that array, you will calculate three things:
1) Sum of all the integers
2) Product of the integers
3) Average of the integers

Print the numbers in the array, as well as the sum, product, and average on four separate lines.

For extra credit (+2), calculate the standard deviation of the integers in addition to the three operations above.