5.4 Write a program to find the average and standard deviation of a set of input positive real numbers. The input data contains a set of one or more positive real numbers terminated by a zero or a negative number. Determine the average and standard deviation of the numbers (not including the last one) by using the following formulas.

Average $=\frac{X_{1}+X_{2}+X_{3}+\ldots+X_{n}}{n}$
Standard deviation $=\sqrt{\frac{X_{1}^{2}+X_{2}^{2}+X_{3}^{2}+\ldots+X_{n}^{2}}{n}-\text { Average }^{2}}$
Display you result as shown.
Sample running :


Plesse enter a ist of posiive real numbers beminsted by
a zero or a nepative number. This progam wil find the
average and standard deviation of this Est of positive
numbers.


Click the Find Aveage and SD command button.


Enter the following numbers :
$12<\mathrm{CR}>25<\mathrm{CR}>36<\mathrm{CR}>45<\mathrm{CR}>20<\mathrm{CR}>-1<\mathrm{CR}>$


Click the Find Aveage and SD command button.
Enter several postive real numbers terminated by a zero or negative number.
Click Exit button to leave.

