Standard Deviation using a Casio fx-83GT Calculator

1. From a List: Calculate the standard deviation of the following data from census at school showing the heights of a sample of 10 students from 5th year.

165, 165, 150, 171, 153, 171, 153, 153, 166, 179

1. Press MENU, then 2(Statistics), then 1(1-Variable)
2. Input the data into the column.(Press = after inputting each data item)
3. When they are all entered press OPTN
4. Choose 3(1-Variable Calc)
5. σx is the value for standard deviation

Note: If you arrow down the calculator gives the median, Q_1, Q_3 and more.

2. From a Frequency Table: Calculate the standard deviation of number of goals scored from the data in the frequency table below.

Goals scored in match	Frequency
0	4
1	9
2	6
3	7
4	2

1. Press SHIFT then MENU, the arrow down and press 1 (Statistics)
2. Press 1 to turn Frequency On.
3. Press MENU,   2(Statistics), 1(1-Variable)
4. Input the data into the columns.(Press = after inputting each data item)
5. When they are all entered press OPTN
6. Choose 3(1-Variable Calc)