Cronbach's Coefficient Alpha

$$\alpha = \frac{k}{k-1} * \left(1 - \frac{\text{sum of } s^2 \text{ of each test item}}{s^2 \text{ of the total test score}}\right)$$

k = number of items on the test

s^2 = variance of items or total test score

Compute from the following information:

Item	Variance
MRS1	6.46
MRS2	9.55
MRS3	4.74
MRS4	4.89
MRS5	6.82
MRS	**96.58 (Total test)**