Questions for Variance and S.D

Question#1

Find the arithmetic mean and the standard devition of the observations :
40,40.50.60,70,70,80,80,90.Also find the arithmetic mean and standard deviation after increasing the observation by (i) 10 (ii) 20.

Question#2

Compute the coefficient of variation of X where X has values 2,3,3,5,5,5,8,10,12

Question#3

Find the standard deviation and variance for the values 2,3,6,8,11

Question#4

Find the Standard deviation and Variance for the weight distribution of students at a local college in given table

Weight	No of students
45-49	1
50-54	4
55-59	17
60-64	28
65-69	25
70-74	18
75-79	13
80-84	6
85-89	5
90-94	2
95-99	1