

The following data represent the Java grades for a random sample of 10 freshman at a certain college along with their scores on an intelligence test administered while they were still seniors in high school.

Student	1	2	3	4	5	6	7	8	9	10
Test score X	75	48	69	70	79	92	94	97	65	70
Java grade Y	80	64	76	32	45	83	97	97	66	68

Compute and interpret the correlation coefficient.

Find the (i) mean, (ii) mode and (iii) first quartile value for the following data.

X:	0-1	2-3	4-5	6-7	8-9
f:	1	3	4	1	1

Calculate the Karl Pearson's coefficient of Skewness from the following data.
Also, comment your result.

x:	1	1.5	2	2.5	3	3.5	4	4.5
f:	1	1	4	1	1	1	2	3