15. To find the correlation coefficient for a bivariate frequency distribution.

Marks	Age In Years						
	16_18	18_20	20_22	22_24	Total		
10_20	2	1	1	0	4		
20_30	3	2	3	1	9	Marginal Frequency Distribution of X:	
30_40	3	3	5	6	17		
40_50	2	2	3	4	11	Marks	Total
50_60	0	1	2	2	5	15	4
60_70	0	1	2	1	4	25	9
						35	17
						45	11
						55	5
						65	4
	correlation coefficient along x-axis						
		-0.18773				Age In Years	Total
						17	10
	correlation coefficient along Y-axis					19	10
		0.774597				21	16
						23	14