1B PMCC

Day of month	1	2	3	4	5	6	7	8	9	10
w	4	4	8	7	12	12	3	4	7	10
g	13	12	19	23	33	37	10	n/a	n/a	23

1. From the large data set, the daily mean windspeed, w knots, and the daily maximum gust, g knots, were recorded for the first 10 days in September in Hurn in 1987.

a) State the meaning of n/a in the table

b) Calculate the product moment correlation coefficient for the remaining 8 days
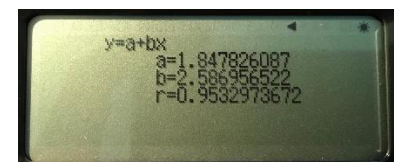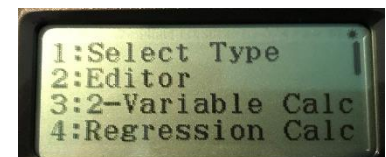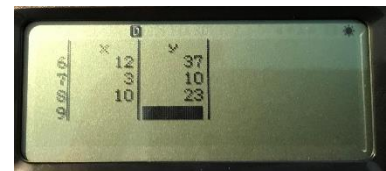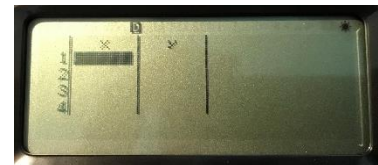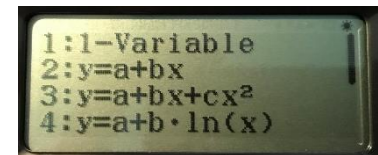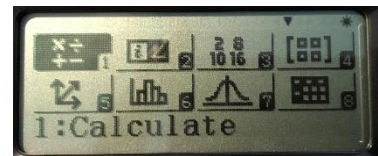
c) With reference to your answer to part b), comment on the suitability of a linear regression model for this data