**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.
2. State the meaning of n/a in the table
3. Calculate the product moment correlation coefficient for the remaining 8 days













1. With reference to your answer to part b), comment on the suitability of a linear regression model for this data