



## Exercise Nine

9.1 Share\_Index is a table which contains the Footsie 100 share index results for five years, create a query which produces a 'lag' output for the 2002 year, restrict the records selected to only those for Fridays (in other words index values for the end of the week). An additional column should display the difference between the two figures. Output should look like this .... Save as c:\course\extwo9\_1.sql

|    | Date        | Todays Index | Last Weeks Index | Difference |
|----|-------------|--------------|------------------|------------|
| 1  | 04-JAN-2002 | 5323.7563    | (null)           | (null)     |
| 2  | 11-JAN-2002 | 5198.5690    | 5323.7563        | -125.1873  |
| 3  | 18-JAN-2002 | 5126.7926    | 5198.5690        | -71.7764   |
| 4  | 25-JAN-2002 | 5193.0456    | 5126.7926        | 66.2530    |
| 5  | 01-FEB-2002 | 5189.6829    | 5193.0456        | -3.3627    |
| 6  | 08-FEB-2002 | 5128.0905    | 5189.6829        | -61.5924   |
| 7  | 15-FEB-2002 | 5182.4812    | 5128.0905        | 54.3907    |
| 8  | 22-FEB-2002 | 5050.8366    | 5182.4812        | -131.6446  |
| 9  | 01-MAR-2002 | 5169.0150    | 5050.8366        | 118.1784   |
| 10 | 08-MAR-2002 | 5285.6511    | 5169.0150        | 116.6361   |



## Exercise Nine

9.2 Using the Club\_65 and Store\_Locations tables, select the following columns, using the Case statement around the c65\_marital\_status to print out the values of the codes, M, D, W, and S.

Save as c:\course\extwo9\_2.sql

c65\_member\_id, sl\_location\_name, c65\_title, c65\_member\_name, c65\_member\_surname,  
c65\_sex, c65\_marital\_status, c65\_date\_of\_birth

|    | Member ID | Location        | Name               | Gender | Marital Status | DOB       |
|----|-----------|-----------------|--------------------|--------|----------------|-----------|
| 1  | 3         | GLASGOW         | Mr Mike Thomas     | M      | Divorced       | 12-JUL-31 |
| 2  | 6         | EDINBURGH       | Mrs Betty Howells  | F      | Married        | 09-JAN-30 |
| 3  | 7         | HILLSEA IND EST | Mr Richard Baker   | M      | Married        | 10-FEB-21 |
| 4  | 8         | REDDITCH        | Mrs Sharon Harvey  | F      | Married        | 28-MAR-29 |
| 5  | 9         | MANCHESTER      | Mr Peter Hiles     | M      | Married        | 23-DEC-31 |
| 6  | 10        | EXETER          | Mrs Sarah Johnston | F      | Married        | 18-NOV-32 |
| 7  | 11        | IPSWICH         | Mr Colin Warren    | M      | Widowed        | 01-JAN-19 |
| 8  | 12        | DERBY           | Ms Pat Hunter      | F      | Divorced       | 19-SEP-17 |
| 9  | 13        | STOKE GIFFORD   | Dr Adam Holmes     | M      | Single         | 01-FEB-35 |
| 10 | 14        | HEMEL HEMPSTED  | Mr David Reece     | M      | Widowed        | 15-APR-22 |