

# Exercise Two

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2.1 Describe the Club\_65 table. Save as c:\course\sql2\_1.php

*C65\_MEMBER\_ID*

*C65\_LOCATION\_ID*

*C65\_MEMBER\_SURNAME*

*C65\_MEMBER\_NAME*

*C65\_SEX*

*C65\_TITLE*

*C65\_MARITAL\_STATUS*

*C65\_DATE\_OF\_BIRTH*

*C65\_ADDRESS\_ONE*

*C65\_ADDRESS\_TWO*

*C65\_ADDRESS\_THREE*

*C65\_ADDRESS\_POSTCODE*

*C65\_PHONE*

*C65\_CREATED\_BY*

*C65\_CREATED\_DATE*

*C65\_UPDATED\_BY*

*C65\_UPDATED\_DATE*

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2.2 Select the C65\_TITLE , C65\_MEMBER\_NAME, C65\_MEMBER\_SURNAME and C65\_DATE\_OF\_BIRTH columns from the club\_65 table as follows ...

Save as c:\course\sql2\_2.php

*MR MIKE THOMAS 1931-07-12*  
*MS BETTY HOWELLS 1930-01-09*  
*MR RICHARD BAKER 1921-02-10*  
*MS SHARON HARVEY 1929-03-28*  
*MR PETER HILES 1931-12-23*  
*MS SARAH JOHNSTON 1932-11-18*  
*MR COLIN WARREN 1919-01-01*  
*MS PAT HUNTER 1917-09-19*  
*DR ADAM HOLMES 1935-02-01*  
*MR DAVID REECE 1922-04-15*  
*MR PETER CHAN 1931-05-11*  
*MS CAROL NISBET 1932-08-07 ...*

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2.3 Using the previous file, format it so that the output is as follows and if you have not already done so, use aliases when selecting from the table and use *mysqli\_fetch\_array()* .  
Hint: Mysql does not have a capitalisation function, therefore you will need to use a combination of concat and lcase ... Save as c:\course\sql2\_3.php

*Mr Mike Thomas 12-Jul-1931*

*Ms Betty Howells 09-Jan-1930*

*Mr Richard Baker 10-Feb-1921*

*Ms Sharon Harvey 28-Mar-1929*

*Mr Peter Hiles 23-Dec-1931*

*Ms Sarah Johnston 18-Nov-1932*

*Mr Colin Warren 01-Jan-1919*

*Ms Pat Hunter 19-Sep-1917*

*Dr Adam Holmes 01-Feb-1935*

*Mr David Reece 15-Apr-1922*

*Mr Peter Chan 11-May-1931...*

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2.4 Change the SQL in the previous file to place the earliest date of birth at the top ...  
Save as c:\course\sql2\_4.php

*Ms Pat Hunter 19-Sep-1917*  
*Mr Colin Warren 01-Jan-1919*  
*Ms Florence Morrell 14-Nov-1919*  
*Mr Richard Baker 10-Feb-1921*  
*Mr Paul Morgan 10-Nov-1921*  
*Mr David Reece 15-Apr-1922*  
*Mr Keith Western 03-Mar-1923*  
*Ms Deniece Crawford 28-Mar-1924*  
*Ms Tracey Peters 15-Oct-1925*  
*Ms Pam Green 19-Dec-1925*  
*Ms Eunice Ford 11-Jan-1926*  
*Ms Doris Howard 02-Feb-1926*  
*Ms Doreen Barker 24-Feb-1926*

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2.5 Describe the Order\_Details table. Save as c:\course\sql2\_5.php

*OD\_ORDER\_NUMBER int(5) NO PRI*

*OD\_STOCK\_NUMBER int(5) YES*

*OD\_ORDER\_DATE date NO*

*OD\_QUANTITY int(4) YES*

*OD\_UNIT\_PRICE decimal(6,2) YES*

*OD\_CREATED\_DATE date NO*

*OD\_CREATED\_BY tinytext NO*

*OD\_UPDATED\_DATE date YES*

*OD\_UPDATED\_BY tinytext YES*



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2.6 Using the Order\_Details table round OD\_UNIT\_PRICE up to the nearest whole number using the ceiling() function, and also round OD\_UNIT\_PRICE down to the nearest whole number using the floor() function, display the original column for comparison.

Save as c:\course\sql2\_6.php

*15 14 £14.99*

*80 79 £79.99*

*7 6 £6.99*

*7 6 £6.99*

*7 6 £6.99*

*17 16 £16.99*

*3 2 £2.99*

*5 4 £4.70*

*22 21 £21.99*

*11 10 £10.99*

*16 15 £15.99*