

## Exercise Three



3.1 File c:\course\ex3\_1.sql contains a working SQL query, add aliases so that the column headings are as follows ...

<i>ID</i>	<i>Title</i>	<i>Full Name</i>	<i>DOB</i>
125	Ms	NERRIS CANDY	17-Jul-1931
126	Ms	KATHLEEN JONES	14-Sep-1930
127	Mrs	MARY PHILLIPS	09-Feb-1929
128	Mr	HARRY JACKSON	25-Jan-1929
129	Mr	ROBIN WHITFIELD	19-Sep-1931
130	Mr	PAUL SIGSTON	12-Nov-1936
131	Mr	JAMES BYRNE	12-Nov-1936
132	Mr	PETER BRIDGES	08-Oct-1929
133	Mrs	PEGGY BRIGGS	04-Jan-1936
134	Mr	IAN SMITH	16-Jan-1929

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3.2 The SQL in file c:\course\ex3\_2.sql has several errors please amend it to display output like this ...

<i>Stock</i>	<i>Desc</i>	<i>Price</i>	<i>In Hand</i>	<i>Value</i>
1	BRASS HAND	£12.99	100	1299
2	S AND J SP	£10.99	25	274.75
3	THULA BUSH	£15.99	10	159.9
4	ONE INCH N	£1.99	1500	2985
5	COARSE SAN	£3.99	50	199.5
6	FINE SAND	£3.99	75	299.25
7	BLUE CIRCL	£4.99	100	499
8	BLACK AND	£29.99	20	599.8
9	YALE LOCK	£9.99	15	149.85
10	BRASS KNOC	£15.99	10	159.9

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3.3 Select the c65\_member\_name and c65\_member\_surname from the club\_65 table and order them in surname order ... Note the titles of the headings.

<i>First Name</i>	<i>Surname</i>
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<i>TIMOTHY</i>	<i>ALEXANDER</i>
<i>JOHN</i>	<i>ALFRED</i>
<i>THOMAS</i>	<i>ANDREWS</i>
<i>JERRY</i>	<i>ARMSTRONG</i>
<i>DIANA</i>	<i>ARMSTRONG</i>
<i>CATHERINE</i>	<i>ARNOLD</i>
<i>MARY</i>	<i>ATKINS</i>
<i>COLIN</i>	<i>BAKER</i>
<i>RICHARD</i>	<i>BAKER</i>
<i>LAWRENCE</i>	<i>BALL</i>
<i>DOREEN</i>	<i>BARKER</i>

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3.4 Describe the order\_details table.

3.5 Display the following columns from the order\_details table, OD\_ORDER\_NUMBER, OD\_STOCK\_NUMBER, OD\_ORDER\_DATE, OD\_QUANTITY and OD\_UNIT\_PRICE, order the records by the od\_order\_date. Note the aliases and the format of the date.

<i>Order</i>	<i>Stock</i>	<i>Date</i>	<i>Qty</i>	<i>Price</i>
-----	-----	-----	-----	-----
1	15	01/01/2001	3	£14.99
2	14	01/01/2001	1	£79.99
3	13	02/01/2001	3	£6.99
4	26	04/01/2001	10	£6.99
5	25	04/01/2001	5	£6.99
6	24	07/01/2001	1	£16.99
7	23	08/01/2001	10	£2.99
8	21	08/01/2001	1	£4.70

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3.6 Amend the SQL query in 3.5 and produce an additional column which is `od_quantity` multiplied by `od_unit_price` ...

<i>Order</i>	<i>Stock</i>	<i>Date</i>	<i>Qty</i>	<i>Price</i>	<i>Value</i>
1	15	01/01/2001	3	£14.99	£44.97
2	14	01/01/2001	1	£79.99	£79.99
3	13	02/01/2001	3	£6.99	£20.97
4	26	04/01/2001	10	£6.99	£69.90
5	25	04/01/2001	5	£6.99	£34.95
6	24	07/01/2001	1	£16.99	£16.99
7	23	08/01/2001	10	£2.99	£29.90
8	21	08/01/2001	1	£4.70	£4.70
9	1	09/01/2001	1	£21.99	£21.99
10	2	09/01/2001	3	£10.99	£32.97
11	3	12/01/2001	1	£15.99	£15.99