



## Exercise Eight

8.1 Merge the Stock\_Information table with the Stock\_Sales table, display those Stock which were not sold. Save as c:\course\ex8\_1.sql

The screenshot shows a 'Query Result' window with a toolbar containing icons for a red pushpin, a printer, a refresh button, and a document with a red 'X'. The text 'SQL | All Rows Fetched: 1 in 0 seconds' is visible. Below the toolbar, the column header 'Stock Number Not Sold' is displayed. A single row of data is shown with the value '1' in the first column and '20' in the second column.

Stock Number Not Sold	
1	20



## Exercise Eight

8.2 Return to c:\course\ex7\_3.sql and display the results. Export the results to an excel file called c:\course\ex8\_2.xls. Open the excel spreadsheet ...

	A	B	C	D	E	F	G	H	I	J	K	L
1	Section N	Stock Num	Descriptio	Quantity	Unit Price	Value						
2	HEADQUA											
3	IRONMON											
4	HAMMERS	4	ONE INCH	5	£1.99	£9.95						
5	HAMMERS	12	POZIDRIVI									
6	HAMMERS	13	POZIDRIVI	3	£6.99	£20.97						
7	HAMMERS	18	MALLET									
8	HAMMERS	19	SLEDGEHA									
9	HAMMERS	24	PILEDRIVE	1	£16.99	£16.99						
10	CEMENT A	5	COARSE S.									
11	CEMENT A	6	FINE SANI									
12	CEMENT A	7	BLUE CIRC									
13	CEMENT A	11	THISTLE PI									
14	TREES	3	THULA BU	1	£15.99	£15.99						
15	TREES	20	ROSE TREE									



## Exercise Eight

8.3 Create a new SQL query using Query Builder which links the Products\_Group, Products and Products\_Sales tables together and produces the following output. Save as c:\course\ex8\_3.sql

Query Result x  
SQL | Fetched 50 rows in 0.188 seconds

	Sales Date	Group Name	Product Name	Product Price	Units Sold	Value
1	01-JAN-1991	BUILDING	RED BRICKS	£345.00	3	£1035.00
2	01-JAN-1991	GARDENING	ROSE BUSH - PINK	£12.99	3	£38.97
3	01-JAN-1991	GARDENING	ROSE BUSH - RED	£12.99	3	£38.97
4	01-JAN-1991	GARDENING	LAWNMOWER BLADE	£10.99	3	£32.97
5	01-JAN-1991	GARDENING	RUBBER PLANT	£4.00	3	£12.00
6	01-JAN-1991	DECORATING	WALLPAPER PASTE	£3.00	3	£9.00
7	01-JAN-1991	HARDWARE	1 HINGE PACK (LH)	£2.99	3	£8.97
8	01-JAN-1991	BATHROOM	NOSTALGIA SUITE	£399.99	3	£1199.97
9	02-JAN-1991	GARDENING	ROSE BUSH - RED	£12.99	6	£77.94
10	02-JAN-1991	DECORATING	WALLPAPER PASTE	£3.00	6	£18.00
11	02-JAN-1991	BATHROOM	BATH SIDE PANEL - PINE	£40.00	6	£240.00
12	02-JAN-1991	BATHROOM	NOSTALGIA SUITE	£399.99	6	£2399.94
13	02-JAN-1991	BUILDING	RED BRICKS	£345.00	6	£2070.00



## Exercise Eight

8.4 Using the Club\_65 and Store\_Locations tables display the Members and the Locations at which they registered, be sure to include all Locations including those where no are Members registered. Save as c:\course\ex8\_4.sql

Query Result x

SQL | Fetched 50 rows in 0.031 seconds

	Location	First Name	Last Name
1	MIDLOTHIAN	ELAINE	MCGARVEY
2	MIDLOTHIAN	JACKIE	BRADBURY
3	DUNDEE	JOHNNIE	MCALLISTER
4	DUNDEE	MAUREEN	PUGH
5	KIRKCALDY	SEAN	CALLAGHAN
6	KIRKCALDY	NICHOLAS	DODD
7	PAISLEY	ARTHUR	LLOYD
8	PAISLEY	CHRISTINE	STEAD
9	DUNFERMLINE	STEVEN	ELLIOT
10	DUNFERMLINE	PAMELA	HOLDEN
11	PENRITH	LOUISE	TILSON
12	PENRITH	BETH	JAMES

## Exercise Five



5.1 Create a virtual column on the Club\_65 table which takes the date of birth and creates an output of the day of that date of birth.

	C65_MEMBER_ID	C65_LOCATION_ID	C65_MEMBER_SURNAME	C65_MEMBER_NAME	C65_SEX	C65_TITLE	C65_MARITAL_STATUS	C65_DATE_OF_BIRTH	C65_DAY
1	3		THOMAS	MIKE	M	MR	D	12-JUL-31	Sat
2	6		HOWELLS	BETTY	F	MRS	M	09-JAN-30	Wed
3	7		BAKER	RICHARD	M	MR	M	10-FEB-21	Wed
4	8		HARVEY	SHARON	F	MRS	M	28-MAR-29	Wed
5	9		HILES	PETER	M	MR	M	23-DEC-31	Tue
6	10		JOHNSTON	SARAH	F	MRS	M	18-NOV-32	Thu
7	11	69	WARREN	COLIN	M	MR	W	01-JAN-19	Tue
8	12	13	HUNTER	PAT	F	MS	D	19-SEP-17	Tue
9	13	70	HOLMES	ADAM	M	DR	S	01-FEB-35	Thu
10	14	71	REECE	DAVID	M	MR	W	15-APR-22	Fri
11	15	72	CHAN	PETER	M	MR	M	11-MAY-31	Sun
12	16	73	NISBET	CAROL	F	MRS	M	07-AUG-32	Sat

## Exercise Five



5.2 Create a virtual column on the Order\_Details table which multiplies the quantity by its unit price ...

	OD_ORDER_NUMBER	OD_STOCK_NUMBER	OD_ORDER_DATE	OD_QUANTITY	OD_UNIT_PRICE	OD_TOTAL
1	1	15	01-JAN-01	3	14.99	44.97
2	2	14	01-JAN-01	1	79.99	79.99
3	3	13	02-JAN-01	3	6.99	20.97
4	4	26	04-JAN-01	10	6.99	69.9
5	5	25	04-JAN-01	5	6.99	34.95
6	6	24	07-JAN-01	1	16.99	16.99
7	7	23	08-JAN-01	10	2.99	29.9
8	8	21	08-JAN-01	1	4.7	4.7
9	9	1	09-JAN-01	1	21.99	21.99
10	10	2	09-JAN-01	3	10.99	32.97
11	11	3	12-JAN-01	1	15.99	15.99
12	12	4	12-JAN-01	5	1.99	9.95
13	13	15	12-JAN-01	1	14.99	14.99
14	14	17	13-JAN-01	1	8.99	8.99
15	22	1	25-JAN-01	1	12.99	12.99
16	23	1	25-JAN-01	1	12.99	12.99