



Exercise Seven

7.1 Returning to c:\course\ex4_1.sql. The Order_Details table has a foreign key link to the Stock_Information table, join the two tables together using either Ansi SQL 86 or 99 and include the si_stock_description in the output. Save as c:\course\ex7_1.sql

Stock Number	Description	Quantity Ordered	Unit Price	Value
1	1 BRASS HANDLE	1	£12.99	£12.99
2	1 BRASS HANDLE	1	£12.99	£12.99
3	1 BRASS HANDLE	1	£21.99	£21.99
4	2 S AND J SPADE	3	£10.99	£32.97
5	3 THULA BUSH	1	£15.99	£15.99
6	4 ONE INCH NAILS	5	£1.99	£9.95
7	13 POZIDRIVE SCREWS 3 INCH	3	£6.99	£20.97
8	14 ELECTRIC SHOWER	1	£79.99	£79.99
9	15 SHOWER CURTAIN - PINK	1	£14.99	£14.99
10	15 SHOWER CURTAIN - PINK	3	£14.99	£44.97
11	17 BATH MAT SET	1	£8.99	£8.99



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7.2 The previous SQL was not ordered nor did it include any Stock Items which had not been sold, revise the sql in c:\course\ex7_1.sql to order by Stock Number and to include an outer join to show all Stock regardless of whether they were ordered. Note if Stock Number is displayed as null then use si_stock_number. Save as c:\course\ex7_2.sql

Stock Number	Description	Quantity Ordered	Unit Price	Value
1	1 BRASS HANDLE	1	£12.99	£12.99
2	1 BRASS HANDLE	1	£12.99	£12.99
3	1 BRASS HANDLE	1	£21.99	£21.99
4	2 S AND J SPADE	3	£10.99	£32.97
5	3 THULA BUSH	1	£15.99	£15.99
6	4 ONE INCH NAILS	5	£1.99	£9.95
7	5 COARSE SAND	(null)	(null)	(null)
8	6 FINE SAND	(null)	(null)	(null)
9	7 BLUE CIRCLE CEMENT	(null)	(null)	(null)
10	8 BLACK AND DECKER STRIMMER	(null)	(null)	(null)
11	9 YALE LOCK	(null)	(null)	(null)
12	10 BRASS KNOCKER	(null)	(null)	(null)



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7.3 The Stock_Information table is linked to the Section_Details table, using the SQL in c:\course\ex7_2, include the above table with the appropriate join, again include an outer join, order by Section number (descending), with stock number and order date. Save as c:\course\ex7_3.sql.

Section Name	Stock Number	Description	Quantity Ordered	Unit Price	Value
1 HEADQUARTERS	(null)	(null)	(null)	(null)	(null)
2 IRONMONGRY	(null)	(null)	(null)	(null)	(null)
3 HAMMERS AND NAILS	4	ONE INCH NAILS	5	£1.99	£9.95
4 HAMMERS AND NAILS	12	POZIDRIVE SCREWS 1 INCH	(null)	(null)	(null)
5 HAMMERS AND NAILS	13	POZIDRIVE SCREWS 3 INCH	3	£6.99	£20.97
6 HAMMERS AND NAILS	18	MALLET	(null)	(null)	(null)
7 HAMMERS AND NAILS	19	SLEDGEHAMMER	(null)	(null)	(null)
8 HAMMERS AND NAILS	24	PILEDRIVER	1	£16.99	£16.99
9 CEMENT AND SAND	5	COARSE SAND	(null)	(null)	(null)
10 CEMENT AND SAND	6	FINE SAND	(null)	(null)	(null)
11 CEMENT AND SAND	7	BLUE CIRCLE CEMENT	(null)	(null)	(null)
12 CEMENT AND SAND	11	THISTLE PLASTER	(null)	(null)	(null)
13 TREES	3	THULA BUSH	1	£15.99	£15.99