

Exercise Two



All functions are listed in Appendix S1, in the majority of cases there is a subtle clue in the Exercise question as to the function to be used, where applicable examples of the output required are given

2.1 Describe the Store_Locations table.

2.2 Describe the Order_Details table.

2.3 Using the Store_Locations table display SL_LOCATION_NAME and SL_CREATED_DATE, converting SL_CREATED_DATE to the format 'DAY' and label the column 'Day'. Order by SL_LOCATION_NAME descending.

SL_LOCATION_NAME	DAY
-----	-----
WORTHING	TUESDAY
WORKSOP	TUESDAY
WIMBLEDON	TUESDAY
WHETSTONE	TUESDAY



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2.4 Using the Order Details table display OD_ORDER_DATE and OD_ORDER_DATE minus 5 Months (as opposed to adding 5 months), format the dates so that the century part of the year is displayed.

```
Order Date  Order Date
-----  -----
01-JAN-2001 01-AUG-2000
01-JAN-2001 01-AUG-2000
02-JAN-2001 02-AUG-2000
04-JAN-2001 04-AUG-2000
04-JAN-2001 04-AUG-2000
07-JAN-2001 07-AUG-2000
08-JAN-2001 08-AUG-2000
```



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2.5 Using the Order Details table round OD_UNIT_PRICE up to the nearest whole number and also round OD_UNIT_PRICE down to the nearest whole number, display the original column for comparison.

Down	Up	Original
-----	-----	-----
14	15	14.99
79	80	79.99
6	7	6.99
6	7	6.99
6	7	6.99
16	17	16.99
2	3	2.99
4	5	4.7
21	22	21.99
10	11	10.99
15	16	15.99



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2.6 Using the Store Locations table, translate all occurrences of the letter 'T' in the SL_LOCATION_NAME column to 'X'.

T to X

WESX NORWOOD

GORSEINON

GLASGOW

WIMBLEDON

BRISXOL

EDINBURGH

HILLSEA IND ESX

REDDIXCH

MANCHESXER

EXEXER



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2.7 Using the Store Locations table display SL_LOCATION_ID, SL_LOCATION_NAME and SL_LOCATION_TELEPHONE as one column using the concatenate symbol, make sure each value is separated by a 'space'. Give the column an alias of 'Location Information'.

```
Location Information
```

```
-----  
1 WEST NORWOOD 0208 178524  
2 GORSEINON 01792 625398  
3 GLASGOW 0141 2872021  
4 WIMBLEDON 0208 9467571  
5 BRISTOL 0117 9234568  
6 EDINBURGH 0131 0258451  
7 HILLSEA IND EST 0231 0075648  
8 REDDITCH 0191 2331584  
9 MANCHESTER 0161 566547  
10 EXETER 0139 2634181  
69 IPSWICH 0139 4142963
```

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2.8 Using the Order Details table display the gross price of the order by multiplying the unit price by the number sold. Display the Stock Number in the query also.

Stock Number	Qty	Price	Value
15	3	14.99	44.97
14	1	79.99	79.99
13	3	6.99	20.97
26	10	6.99	69.9
25	5	6.99	34.95
24	1	16.99	16.99
23	10	2.99	29.9
21	1	4.7	4.7
1	1	21.99	21.99
2	3	10.99	32.97
3	1	15.99	15.99