

Exercise Five



5.1 Join the store locations table with the location type table and display the store name and location description, note the foreign key is between the lt_location_type and sl_location_type columns

Name	Type
WEST NORWOOD	HEAD OFFICE
GORSEINON	DIVISION
GLASGOW	DIVISION
WIMBLEDON	DIVISION
BRISTOL	REGION
EDINBURGH	REGION
HILLSEA IND EST	REGION
REDDITCH	REGION
MANCHESTER	REGION
EXETER	STORE
IPSWICH	STORE

61 rows selected.



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5.2 The following output is as a result of joining the Products, Products Group and Products Sales tables together. The Products Group and Products table join together using the PGR_GROUP_NUMBER and PRO_GROUP_NUMBER, the Products and Products Sales tables join together using the PRO_PRODUCT_NUMBER and the PSS_PRODUCT_NUMBER.

The purpose of this query is to display the total number of sales for all Products within all Groups, therefore aggregation must also be used, otherwise nearly fifty thousand individual records will be displayed!

Describe all three of the above tables to view the various columns needed for this query.

The following page displays the expected result, use either Ansi 86 or Ansi 99 joining conventions to achieve this.

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Group Name	Product Name	Number Sold
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BATHROOM	BATH SIDE PANEL - MAHOGANY	18194
BATHROOM	BATH SIDE PANEL - PINE	10593
BATHROOM	CHROME TAPS	18167
BATHROOM	GOLD EFFECT TAPS	15243
BATHROOM	NOSTALGIA SUITE	39825
BUILDING	BLUE CIRCLE CEMENT	54702
BUILDING	BREEZE BLOCKS	54320
BUILDING	COARSE SAND	54906
...		
HARDWARE	1 HINGE PACK (LH)	15014
HARDWARE	1 HINGE PACK (RH)	14203
HARDWARE	POZIDRIVE SCREWS 1 INCH	16406
HARDWARE	POZIDRIVE SCREWS 3 INCH	16599
HARDWARE	SLEDGEHAMMER	15477

25 rows selected.

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The following exercise uses the store_sales_31bridgend and store_sales_96cheshire tables.

5.3 Using a merge command produce a list of all products sold in Bridgend which were not sold in Cheshire.

Sold only in Bridgend

2
8
12
13
18
22
23
25