Exercise Six

6.1 Describe the store_locations and location_type table. Note the foreign key is between the lt_location_type and sl_location_type columns. Save as c:\course\sql6_1.php

sl_location_id int(11)

sl_location_name text

sl_location_address text

sl_parent_location_id int(11)

sl_location_telephone text

sl_location_type text

sl_created_date date

sl_updated_date date

lt_location_type varchar(1)

lt_location_description varchar(30)

lt_created_date date

lt_updated_date date

6.2 Select the location_name and location_description from the store_locations and location_type tables, this will produce 61 rows. Save as c:\course\sql6_2.php

GORSEINON DIVISION

GLASGOW DIVISION

WIMBLEDON DIVISION

WEST NORWOOD HEAD OFFICE

BRISTOL REGION

EDINBURGH REGION

HILLSEA IND EST REGION

REDDITCH REGION

MANCHESTER REGION

EXETER STORE

DERBY STORE

BURY STORE

BRIDGEND STORE

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6.3 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, these are pgr_group_name, pro_name and pss_number_of_units.

Save as c:\course\sql6_3.php.

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

BUILDING FINE SAND 54504

BUILDING RED BRICKS 54782

DECORATING 5 BRUSH SET 54960

DECORATING CROWN NON DRIP GLOSS - WHITE 54952

DECORATING CROWN NON DRIP GLOSS -MAGNOLIA 54533

DECORATING ROSE VINYL WALLPAPER 54743

DECORATING WALLPAPER PASTE 54437

GARDENING GNOME 54597

GARDENING LAWNMOWER BLADE 57509

GARDENING ROSE BUSH - PINK 54750

GARDENING ROSE BUSH - RED 54890

GARDENING RUBBER PLANT 54393

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