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MATRICES NO.: A22EC0130

SECTION : 06

TITLE : SQL 4 - DML3

PART 1

Part 1 :

1. SELECT * FROM sales_representatives NATURAL JOIN
sales_rep_addresses ;

2. SELECT id, first_name, last_name, address_line_1, address_line_2, city, email,
phone_number
FROM sales_representatives NATURAL JOIN sales_rep_addresses ;

Part 2 :

1. SELECT id, first_name, last_name, address_line_1, address_line_2, city,
email, phone_number
FROM sales_representatives JOIN sales_rep_addresses USING (id);

2. SELECT * FROM items JOIN price_history USING (item_number);

Part 3:

1. SELECT c.ctr_number AS "Customer Number", c.first_name AS "Customer First Name",
c.last_name AS "Customer Last Name", c.phone_number AS "Customer Phone Number",
s.id AS "Sales Rep ID", s.first_name AS "Sales Rep First Name", s.last_name AS
"Sales Rep Last Name", s.email AS "Sales Rep Email"
FROM customers c JOIN sales_representatives s
ON (c.sre_id = s.id);

Part 4:

1. SELECT c.ctr_number AS "Customer Number", c.first_name AS "Customer First Name",
c.last_name AS "Customer Last Name", c.phone_number AS "Customer Phone Number",
s.id AS "Sales Rep ID", s.first_name AS "Sales Rep First Name", s.last_name AS
"Sales Rep Last Name", s.email AS "Sales Rep Email", t.name AS "Team Name"
FROM customers c JOIN sales_representatives s
ON c.sre_id = s.id
JOIN team t ON s.tem_id = t.id;

Part 5:

1. SELECT c.ctr_number AS "Customer Number", c.first_name AS "Customer First Name",
c.last_name AS "Customer Last Name", c.phone_number AS "Customer Phone Number",
s.id AS "Sales Rep ID", s.first_name AS "Sales Rep First Name", s.last_name AS
"Sales Rep Last Name", s.email AS "Sales Rep Email", t.name AS "Team Name"
FROM customers c JOIN sales_representatives s
ON c.sre_id = s.id
JOIN teams t
ON s.tem_id = t.id
WHERE c.ctr_number = 'c00001';

Part 6:

1. SELECT The cost of the '||i.name ||' on this day was '|| p.price
FROM items i JOIN price-history p
ON i.item_number = 'im01101045'
AND (TO-DATE ('12-Dec-2016', 'DD-MM-YYYY') BETWEEN p.start-date
AND p.end-date);

PART 2:

Part 1:

1. SELECT r.first_name || ' ' || r.last_name AS "Rep", s.first_name || ' ' ||
s.last_name AS "Supervisor"
FROM sales_representatives r JOIN sales_representatives s
ON (s.id = r.supervisor_id);

Part 2:

1. SELECT * FROM teams t
LEFT OUTER JOIN customers c
ON (t.id = c.team_id);

Part 3:

1. SELECT * FROM customers, sales_representatives;