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LAB 4

Section 6 Lesson 9 Exercise 1

1) Se 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 *
   FROM sales_representatives JOIN sales_rep_addresses
   USING (id);

   SELECT id, first_name, last_name, address_line_1, address_line_2, city_email,
       phone_number
   FROM sales_representatives JOIN sales_rep_address
   USING (id);

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

Part 3

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

Part 4

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

Part 5

1) SELECT c.ctr_number "Customer Number", c.first_name "Customer First Name",
   c.last_name "Customer Last Name", c.phone_number "Customer Phone
   Number", c.email "Customer Email", s.id "Sales Rep ID",
   s.first_name "Sales Rep First Name", s.last_name "Sales Last Name",
   s.email "Sales Rep Email", t.name "Team Name"
FROM customers c JOIN sales_representatives s
ON (c.sre_id = s.id)
JOIN teams t
ON (t.id = t.id)
WHERE c.ctr_number = 'C00001';

Part 6

1) SELECT 'The cost of the' || i.name || ' on this day was' || h.price
FROM items i JOIN inventory_list l
ON (i.ilt_id = l.id)
JOIN price_history h
ON (i.item_number = h.item_number)
WHERE i.item_number = 'im 0110 1045' AND h.start_date < '12-DEC-2016'
   AND h.end_date > '12-Dec-2016';

Section 6 Lesson 9 Exercise 2

Part 1

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

Part 2

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

Part 3

1) SELECT *
FROM customers c, sales_representatives r;