Lab 4

LAB 4 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 (itm_number);

Part 3

1. SELECT
   c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email, s.id,
   s.first_name, s.last_name, s.email
   FROM customers c JOIN sales_representatives s
   ON c.sre_id = s.id;

Part 4

SELECT
c.ctr_number, c.first_name || " " || c.last_name AS "Customer Name", c.phone_number,
c.email AS "Customer Email", s.id, s.first_name || " " || s.last_name AS "Sales Representatives Name"
, s.email AS "Sales Representatives Email", t.name AS "Team Name"
FROM customers c JOIN sales_representatives s
ON c.sre_id = s.id
JOIN teams t ON c.tem_id = t.id;

Part 5

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

Part 6

1. SELECT `The cost of the ' || i.name || ` on this day was' || p.price AS "Item Price"
   FROM items i JOIN price_history p
   ON ('12-DEC-2016' BETWEEN p.start_date AND p.end_date) AND i.itm_number = 'im0101045';

LAB 4 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 (r.supervisor_id = s.id);

Part 2

1. SELECT * FROM teams RIGHT OUTER JOIN customers
   ON (teams.id = customers.tem_id);

Part 3

1. SELECT * FROM customers
   CROSS JOIN sales_representatives;