SQL 4

DML 3

Exercise 1

part 1

1 SELECT * FROM Sales_representatives
NATURAL JOIN Sales_rep_addresses;

2 SELECT id, first_name, last_name, address_line1, 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;

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
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, t.name
FROM customers c JOIN Sales_representatives s
ON (c.sre_id = s.id)
JOIN teams t ON (c.ten_id = t.id);

part 5

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, t.name
FROM customers c JOIN sales_representatives s
ON (c.Sre_id = S.id) JOIN teams ON (c.item_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,
WHERE i.itm_number = `im01101045`
AND `12/12/2016` BETWEEN p.start_date AND p.end_date;

DML3 exercise 2

part 1

1 | SELECT rep.first_name || `,` || rep.last-name "Rep", supervisor.first_name
|| `,` || supervisor.last_name "Supervisor"
FROM sales_representatives rep JOIN sales_representatives supervisor
ON (rep.supervisor_id = supervisor.id);

part 2 | SELECT * FROM teams LEFT OUTER JOIN customers;

part 3

1 | SELECT * FROM customers, sales_representatives;