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A22EC0087   SECTION Q3

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, 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

```sql
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 Representative
   Name", s.email AS "Sales Representative Email", t.name AS "Team Name".
   FROM customers c JOIN sales_representative s
   ON (c.sre_id = s.id)
   JOIN teams t (c.team_id = t.id);
```

PART 5

```sql
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 Representative Name", s.email
   AS "Sales Representative Email", t.name AS "Team Name"
   FROM customers c JOIN sales_representative s
   ON (c.sre_rd = s.id)
   JOIN teams t
   ON (c.team_id = t.id)
   AND (c.ctr_number = 'C 00001');
```

PART 6

```sql
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 (i.itm_number = p.itm_number)
   WHERE i.itm_number = 'IMO 1101045' 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 ON (r.supervisor_id = s.id);

PART 2

1. SELECT * FROM teams RIGHT OUTER JOIN customers

   ON (teams.id = customers.team_id);

PART 3

1. SELECT * FROM customers

   CROSS JOIN sales_representatives;