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                         SECTION 6

LAB 4

SECTION 6 : LESSON 9   EXERCISE1

Part 1

1.
```
SELECT *    FROM   sales-representatives
NATURAL JOIN   sales-rep-addresses ;
```

2.
```
SELECT id, firstname, 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

1.
```
SELECT c.ctr-number , c.first-name || ' ' || c.last-name, AS 'Customer Nam
       c.phone-number, c.email AS 'Customer Email', s.id, s.first-name || ' ||
       s.last-name AS 'Sales Representatives Name', s.email AS 'Sales Represent
       Email', t.name AS 'Team Name'
FROM customers c  C JOIN sales-representatives S
ON (c.sre-id = s.id)
    JOIN  teams & t  ON  (c.tem-id = t.id);
```

Part S

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)
   AND (c.ctr-number = 'C00001');

Part C

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 = 'im01101045' AND TO_DATE ('12-DEC-2016,
   'DD-MON-YYYY')
   BETWEEN p.start-date AND p.end-date;

SECTION 6 LESSON 9 EXERCISE 2

Part 1

1. SELECT rep.first-name || ' ' || rep.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;